CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Office and garage, Detroit, Mich., Cew Center Development Corp. having plans prepared, $30,000,000.

Railway tracks and bridge, Missouri, Missouri Pacific R.R. Co. making preliminary plans, $9,000,000.

Dam, Portland, Ore., soon takes bids, $3,000,000.

Apartment, Chicago, Ill., W. C. Bannerman & Co. having plans prepared, $3,000,000.

Pulp and paper mill, Hoquiam, Wash., Zellerbach Paper Co. purchased land and plans Mill, $3,000,000.

Produce Terminal, Cleveland, O., Northern Ohio Food Terminal, Inc., having plans prepared, $2,000,000.

Hotel, Seattle, Wash., L. N. Rosenbaum and associates plan hotel, $2,000,000.

Court House, Asheville, N. C., Buncombe Co. takes bids about Mar. 1, $1,250,000.

Gas system, Long Beach, Calif., plans election, $1,250,000.

Apartment, Columbus, O., King Rogers Arms Co. having plans prepared, $1,200,000.

Hotel and Apartment, Ventura, Calif., F. Meline Co. having plans prepared, $1,050,000.

Road improvement, El Reno, Okla., Canadian Co. election. Feb. 8, $1,000,000.

Highway improvement, Tex., Plainview-Hale Co. election soon, $1,000,000.

Mausoleum, Waukegan, Ill., North Shore Cemetery Assn. having plans prepared, $1,000,000.

Y. W. C. A., Boston, Mass. having sketches made, $1,000,000.

Florists, Chicago, Ill., Syndicate, c/o Fox & Fox, archts. soon lets contract, $1,000,000.

Theatre, Store and Office, Chicago, Ill., Commonwealth Theatre Corp. having plans prepared, $1,000,000.

Bids Desired

Hotel and Club, Chicago, Ill., Hall, Lawrence, Rippel & Ratcliff taking bids, $2,000,000.

Court House, Hartford, Conn., Jan. 31, by Hartford Co. Building Com., $1,500,000.

Bank and Office, Davenport, Ia., Feb. 25 by Clausen, Kruse & Klein, associate archts., $1,250,000.

Memorial, Ames, Ia., Feb. 15 by Proudfoot, Rawson & Souers, archts., $1,000,000.

Contracts

Bank and Office, Phila., Pa., Fidelity-Phila. Trust Co. to Irwin-Leighton, $7,448,000.

Grading, bridging, etc., New Jersey State Hy. Comn. to Montrose Constr. Co., $3,244,951.

Hotel, Dayton, O., Dayton Hotel Co., to Selden Breck Contg. Co., $2,000,000.

Office, Louisville, Ky., W. Heyburn to Struck Constr. Co., $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Jan. 28	Springfield, Mass.	Jan. 20
Jan. 28	Long Island City, N. Y.	Jan. 27
Jan. 29	Springfield, Mass.	Jan. 20
Jan. 31	North Mankato (Mankato P. O.), Minn.	Jan. 20
Jan. 31	Boston, Mass.	Jan. 27
Jan. 31	Newark, N. J.	Jan. 27
Feb. 1	St. Louis, Mo.	Jan. 20
Feb. 1	Beachwood (br. Cleveland), O.	Jan. 27
Feb. 1	Toledo, O.	Jan. 27
Feb. 1	Leland, Miss.	Jan. 27
Feb. 1	Long Island City, N. Y.	Feb. 27
Feb. 1	St. George, N. Y.	Jan. 27
Feb. 1	Boston, Mass.	Jan. 27
Feb. 1	Minneapolis, Minn.	Jan. 27
Feb. 1	New York, N. Y.	Jan. 27
Feb. 3	Minneapolis, Minn.	Jan. 27
Feb. 4	Slidell, La.	Jan. 13
Feb. 7	Lake Forest, Ill.	Jan. 13
Feb. 7	Fairfield, Calif.	Jan. 20
Feb. 8	Toronto, Ont.	Jan. 13
Feb. 8	Palahatchie, Miss.	Jan. 27
Feb. 8	Amarillo, Tex.	Jan. 27
Feb. 8	Toronto, Ont.	Jan. 27
Feb. 9	Portland, Ore. Adv. Jan. 27.	Jan. 27
Feb. 11	Orchard Park, N. Y. Adv. Jan. 27.	Jan. 27
Feb. 17	Fredericksburg, Va. Adv. Jan. 27.	Jan. 27

Sewers

Feb. 2	Hamilton, O.	Jan. 27
Feb. 2	Phila., Pa.	Jan. 27
Feb. 2	Chicago, Ill.	Jan. 27
Feb. 3	Little Rock, Ark.	Jan. 13
Feb. 3	Little Rock, Ark.	Jan. 20
Feb. 4	North Chicago, Ill.	Jan. 13
Feb. 4	Slidell, La.	Jan. 13
Feb. 7	Atlanta, Ga.	Jan. 27
Feb. 9	Wilmington, N. C.	Jan. 27
Feb. 15	Rushville, Ind.	Jan. 13
Feb. 15	Bloomfield, Ind.	Jan. 20
Feb. 21	Luling, Tex.	Jan. 27
Feb. 31	Huntington, Tenn.	Jan. 27

Waste Disposal

Feb. 8	Fort Lauderdale, Fla. Adv. Jan. 20 and 27.	Jan. 20
Feb. 14	New York, N. Y.	Jan. 20

Bridges

Feb. 1	South Dakota	Jan. 20
Feb. 2	Reading, Pa.	Jan. 13
Feb. 3	Jersey City, N. J.	Jan. 6
Feb. 5	Winchendon, Mass.	Jan. 13
Feb. 8	North Carolina	Jan. 27
Feb. 10	Solomon, Kan.	Jan. 27

Bids close		*See Eng. News-Record*
Feb. 14	Peekskill, N. Y. Adv. Jan. 27.	Jan. 27
Feb. 17	Kentucky	Jan. 20
Mar. 9	Poughkeepsie, N. Y. Adv. Jan. 27.	Jan. 27

Excavation, Drainage, Irrigation, Levees, River and Harbor

Feb. 1	New York Adv. Jan. 20 and 27.	Jan. 20
Feb. 2	Duluth, Minn.	Dec. 30
Feb. 2	Washington, Ia.	Jan. 20
Feb. 4	Paulding, O.	Jan. 27
Feb. 5	Savanna, Ill. Adv. Jan. 20 and 27.	Jan. 20
Feb. 8	New York Adv. Jan. 13 to 27.	Jan. 13
Feb. 8	Bay St. Louis, Miss.	Jan. 27
Feb. 10	Maquoketa, Ia.	Jan. 6
Feb. 15	Baton Rouge, La.	Jan. 27
Feb. 17	Santa Barbara, Calif. Adv. Jan. 27.	Jan. 27
Feb. 19	Bellefontaine, O.	Jan. 27

Streets and Roads

Jan. 28	New York, N. Y.	Jan. 27
Jan. 31	Buffalo, N. Y.	Jan. 20
Jan. 31	Syracuse, N. Y.	Jan. 20
Jan. 31	Cincinnati, O.	Jan. 27
Feb. 1	Ft. Worth, Tex.	Jan. 27
Feb. 1	Birmingham, Ala.	Jan. 13
Feb. 1	Philippi, W. Va.	Jan. 13
Feb. 1	Colorado	Jan. 27
Feb. 2	Delaware	Jan. 13
Feb. 2	San Benito, Tex.	Jan. 13
Feb. 2	Harrisburg, Pa.	Jan. 27
Feb. 2	Pittsburgh, Pa.	Jan. 27
Feb. 3	Madison, Wis.	Jan. 27
Feb. 3	Lincoln, Kan.	Jan. 27
Feb. 3	San Antonia, Tex.	Jan. 27
Feb. 3	Scituate, Mass.	Jan. 27
Feb. 3	New Ulm, Minn.	Jan. 27
Feb. 5	Dyersburg, Tenn.	Jan. 27
Feb. 5	Waynesburg, Pa.	Jan. 27
Feb. 7	Akron, O.	Jan. 27
Feb. 7	Los Angeles, Calif.	Jan. 27
Feb. 7	Rensselaer, Ind.	Jan. 20
Feb. 7	Rising Sun, Ind.	Jan. 20
Feb. 7	Los Angeles, Calif.	Jan. 27
Feb. 7	San Diego, Calif.	Jan. 27
Feb. 8	St. Louis, Mo.	Jan. 20
Feb. 8	West Virginia Adv. Jan. 20 and 27.	Jan. 20
Feb. 8	Brazil, Ind.	Jan. 20
Feb. 8	Bloomfield, Ind.	Jan. 20
Feb. 8	Decatur, Ind.	Jan. 20
Feb. 8	Auburn, Ind.	Jan. 20
Feb. 8	North Carolina	Jan. 27

Bids close		*See Eng. News-Record*
Feb. 8	Gulfport, Miss.	Jan. 27
Feb. 8	West Virginia	Jan. 27
Feb. 8	Morgantown, W. Va.	Jan. 27
Feb. 10	Ft. Madison, Ia.	Jan. 27
Feb. 11	Council Grove, Kan.	Jan. 20
Feb. 15	Birmingham, Ala.	Jan. 20
Feb. 15	Greencastle, Ind.	Jan. 20
Feb. 15	St. Louis, Mo.	Jan. 20
Feb. 15	Santa Rosa, Calif.	Jan. 20
Feb. 18	Kentucky	Dec. 16
Feb. 20	Birmingham, Ala.	Jan. 27
Feb. 21	Luling, Tex.	Jan. 27
Feb. 21	McKenzie, Tenn.	Jan. 27
Feb. 24	Louisiana	Jan. 27
Feb. 24	Kenosha, Wis.	Jan. 13
Mar. 1	Alabama City, Ala.	Jan. 27
Mar. 15	Minot, N. D.	Jan. 13

Buildings—Commercial

Jan. 29	Wash., D. C.	Jan. 27
Jan. 31	Hartford, Conn.	Jan. 27
Feb. 1	Boston, Mass.	Jan. 27
Feb. 1	Newark, N. J.	Jan. 27
Feb. 1	Drexel Hill, Pa.	Jan. 27
Feb. 1	Phila., Pa.	Jan. 27
Feb. 1	Louisville, Ky.	Jan. 20
Feb. 1	St. Louis, Mo.	Jan. 20
Feb. 4	New York, N. Y.	Jan. 27
Feb. 4	Altoona, Pa.	Jan. 27
Feb. 8	Worcester, Mass.	Jan. 28
Feb. 11	Boston, Mass.	Jan. 27
Feb. 15	Ames, Ia.	Jan. 27
Feb. 25	Davenport, Ia.	Jan. 27
Apr. 1	Wilmington, Del.	Jan. 27
Apr. 1	Canton, O.	Jan. 20

Buildings—Industrial

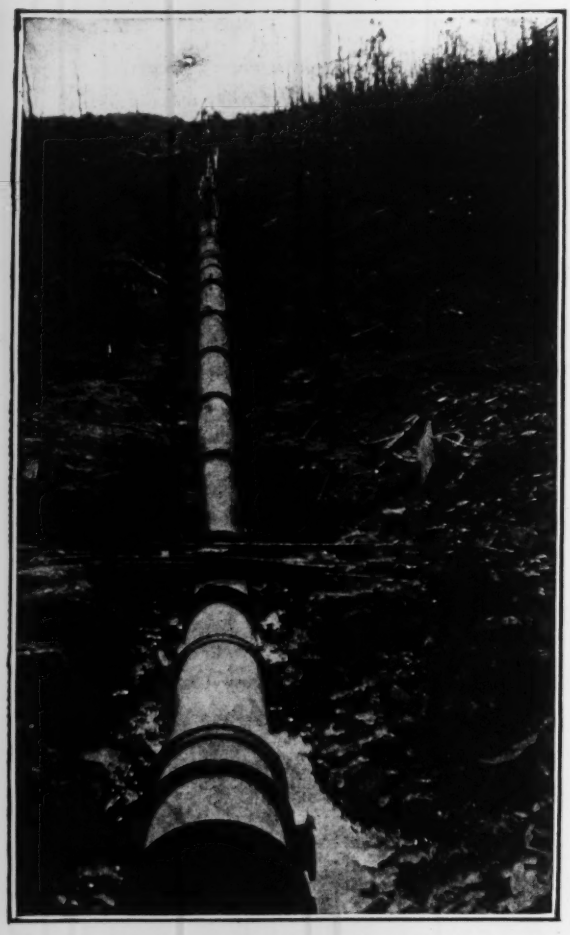
Jan. 29	Frederick, Md.	Jan. 27
Feb. 1	Baltimore, Md.	Jan. 27
Feb. 1	Hagerstown, Md.	Jan. 27
Feb. 7	Chagrin Falls, O.	Jan. 13
Feb. 9	Matteawan (mail Glenham), N. Y. Adv. Jan. 20 and 27.	Jan. 20

Buildings—Educational, Religious

Jan. 31	Hughesville, Pa.	Jan. 13
Jan. 31	Meadville, Pa.	Jan. 20
Feb. 1	Oakland, Calif.	Jan. 20
Feb. 1	Wash., D. C.	Oct. 7
Feb. 1	Baltimore, Md.	Jan. 27
Feb. 1	Phila., Pa.	Jan. 27
Feb. 1	Milwaukee, Wis.	Feb. 27
Feb. 2	St. Louis, Mo.	Jan. 20
Feb. 2	Flint, Mich.	Jan. 27
Feb. 3	College Hill (Beaver Falls P. O.), Pa.	Jan. 20
Feb. 3	York, Ont.	Jan. 27

See proposal advertising on page 109

TRADE "LEADITE" MARK
Registered U. S. Pat. Office



Section of 9 miles 30-in. and 36-in. pipe laid with LEADITE

LEADITE, like cast-iron pipe, has proven its durability.

LEADITE has been successfully tested and used for over 30 years for jointing all sizes of cast-iron bell and spigot water mains from 4 in. to 60 in. in diameter, under all pressures and conditions encountered in water-works construction.

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LEADITE is the pioneer Self-Caulking Material for c.i. Pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Feb. 3	Baltimore, Md.	Jan. 27
Feb. 3	Ames, Ia.	Jan. 27
Feb. 7	Birmingham, Mich.	Jan. 27
Feb. 8	L'Anse, Mich.	Jan. 20
Feb. 10	Fresno, Calif.	Jan. 13
Feb. 10	Bloomfield, N. J.	Jan. 20
Feb. 10	Farmington, Conn.	Jan. 27
Feb. 12	Cudahy, Wis.	Jan. 27
Feb. 14	Madison, Wis.	Jan. 27
Feb. 23	New York, N. Y.	Jan. 27
Feb. 24	Whitewater, Wis.	Jan. 27
Feb. 25	Akron, O.	Jan. 27
May 1	Monroe, Mich.	Jan. 13

Federal Government Work

Jan. 29	Storehouse—Fort Myer, Va.	Jan. 20
Feb. 2	Radio Towers—Fire Island (mail Babylon), N. Y. Adv. Jan. 20 and 27.	Jan. 20
Feb. 2	Pipe, etc.—Boston, Mass.	Jan. 27
Feb. 3	Pumps—San Francisco, Calif.	Jan. 13
Feb. 5	Removing Dredge—Wilmington, Del. Adv. Jan. 20 and 27.	Jan. 20
Feb. 7	Tug—Mobile, Ala.	Dec. 16
Feb. 8	Sewer—Fort Moth (mail Salem), N. J.	Jan. 27
Feb. 9	Wharf—Fort Lafayette, N. Y. Adv. Jan. 27.	Jan. 27

Bids close		See Eng. News-Record
Feb. 9	Heating Equipment, etc.—Mare Island, Calif.	Jan. 6
Feb. 10	Dredging, etc.—Alaska	Jan. 6
Feb. 11	Dredge, etc.—Wash., D. C.	Jan. 20
Feb. 14	Post Office and Courthouse—Syracuse, N. Y. Adv. Jan. 13 to 27.	Jan. 13
Feb. 14	Equipment—Syracuse, N. Y.	Jan. 20
Feb. 18	Piping — Wichita Falls, Tex.	Jan. 27
Feb. 23	Radio Masts—Tatoosh, Wash.	Jan. 27
Feb. 23	Post Office—Yonkers, N. Y. Adv. Jan. 27.	Jan. 27
Mar. 1	Hospital—Bedford, Mass.	Jan. 27
Mar. 2	Elevators—Mare Island, Calif.	Jan. 27
Mar. 10	Scout Cruisers, etc.—Wash., D. C.	Dec. 30
Mar. 16	Buildings, etc.—San Diego, Calif. Adv. Jan. 27.	Jan. 27

Unclassified

Jan. 28	Subway—Brooklyn, N. Y.	Jan. 20
Jan. 31	Wading Pool Shelter—Yonkers, N. Y. Adv. Jan. 20 and 27.	Jan. 20
Feb. 1	Lighting System—Minneapolis, Minn.	Jan. 13

Bids close		See Eng. News-Record
Feb. 1	Ice Breaker, etc.—South Dakota	Jan. 20
Feb. 1	Athletic Field and Stadium—Warrensburg, Mo.	Jan. 27
Feb. 2	Elevators—Boston, Mass.	Jan. 27
Feb. 7	River Terminal—Dubuque, Ia.	Jan. 13
Feb. 7	Lighting System—San Antonio, Tex.	Jan. 20
Feb. 7	Wharf Barge—St. Paul, Minn.	Jan. 27
Feb. 14	Electrical Equipment—New York, N. Y.	Jan. 20
Feb. 16	Fire House, etc.—Helmuth, N. Y. Adv. Jan. 27.	Jan. 27
Feb. 23	Tunnel—Detroit, Mich. Adv. Jan. 20 and 27.	Jan. 20

Materials

Feb. 2	Culvert Pipe—Vinton, Ia.	Jan. 27
Feb. 2	Bridge Lumber, etc.—Denison, Ia.	Jan. 27
Feb. 2	Bridge Lumber, etc.—Algona, Ia.	Jan. 27
Feb. 7	Road Oil—Winona, Minn.	Jan. 20
Feb. 7	Crossings, Frogs, Structural Steel, etc.—Phila., Pa.	Jan. 27
Feb. 16	Crushed Stone—Williamstown, Ont.	Jan. 27

News of the Week

Waterworks

Proposed Work

Md., Easton—Election Feb. 21, $30,000, extending mains in various streets. E. G. Castonhuber, engr.

Miss., Greenwood—See "Unclassified."

La., Shreveport—Election Mar. 8, $150,000 bonds, waterworks, and $100,000 bonds, sewers in various streets.

Tenn., Chattanooga—City Water Co., 10th and Market St., plans waterworks extensions and improvements. $500,000. A Porzelius, supt.

Tenn., Henry—Making preliminary plans new waterworks. $22,000. G. Hamilton, mayor. Engineer not selected.

O., Beachwood (br. Cleveland)—Village takes bids in spring, booster pump station 100 ft. high, with 1 m.g. pump. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

O., Wooster—Bd. Control takes bids in spring extending water system approximately 1 sq.mi. to Bloomington. $100,000. A. Wedge, city engr.

Neb., Adams — Defeated $30,000 bonds, waterworks, incl. tank and tower, etc. Henningson Eng. Co., Natl. Bank Bldg., Omaha, engrs. Noted Dec. 30.

N. D., Hebron—Plans waterworks, incl. 150,000 gal. concrete reservoir, 3 mi. mains, and 22 hydrants, etc. $50,577. T. R. Atkinson, Bismarck, engr. Noted Dec. 30.

Mo., St. Louis — Water Dept., J. Pritchard, dir., City Hall, plans extending 2 hurdle dikes, 1 from 3,300 ft. to 3,900 ft. long, and other from 2,500 ft. to 4,500 ft. long, at Howards Bend Water Works Station, on Missouri River in St. Louis Co. $100,000.

Tex., Beaumont — Making surveys proposed reservoir site on Neches River at Rockland. $300,000. R. C. Black, city engr. Noted Nov. 4.

Tex., Crystal City—Election soon $50,000 bonds, waterworks, incl. 6 and 8 in. c.i. mains, 100,000 gal. tank and tower, etc. Address Mayor.

Tex., Dalhart—Dalhart Water Co. making plans waterworks improvements, laying additional mains and pumping equipment. $15,000. Private plans.

Tex., Levelland—Plans waterworks, incl. 17,900 ft. 2- to 8-in. c.i. pipe, 50,000 gal. concrete reservoir, 15 x 25 ft. brick pump plant, one 250 g.p.m. and one 500 g.p.m. centrifugal pumps, etc. $50,000. Hawley & Roberts, Box 1115, Lubbock, engrs. Noted Jan. 6.

Tex., Lewisville—F. J. Van Zuben, engr., 611 Dan Waggoner Bldg., Ft. Worth, soon takes bids complete waterworks, here, for City. $62,000. Noted Jan. 6.

Tex., Marshall—Making plans waterworks improvements, incl. 4- to 8-in. pipe, etc. $50,000. M. Ramsey, city engr.

Tex., San Angelo—See "Unclassified."

Tex., San Benito—See "Unclassified."

Tex., San Saba—See "Sewers."

Okla., Maramec—Election Feb. 8, $350,000 bonds, new waterworks, incl. well, pump, motor, etc. $35,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Wash., Anacortes—Plans election $50,000 bonds, improving water system, and constructing 1 m.g. additional unit to filter plant, etc.

Wash., Tacoma—City Council plans 20 in. main trunk line, lateral and circulating mains in 6th Ave. section west of Huston St., also four 12 in. cross laterals and 8 in. circulating mains in South 18th, North 22nd and 17th Sts.

Calif., Long Beach—Plans election $2,378,000 bonds, extending water system.

Ont., Blenheim—Plans expending $85,000 for waterworks, incl. pumps, electric pump house, reservoir, mains, hydrants, etc. Wynne-Roberts, Son & McLean, Metropolitan Bldg., Toronto, engrs. Noted Nov. 11.

Ont., Kingsville — Voted $28,000 bonds, approximately 1,500 ft. probably steel pipe intake into Lake Erie. G. Butler, Kingsville, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ont., St. Catharines—City Council plans extending water supply to Merritton and Thorold, also pumping equipment required. $160,000. A. Lamson, City Hall, engr. Noted Jan. 13.

Bids Desired

Mass., Boston—Jan. 31, by Supply Dept., 100,000 lb. iron castings, consisting flanged frames, etc.; also 400,000 lb. iron castings, branches, curves, etc., for Pub. Wks. Dept., Water Serv. Former bids rejected. H. S. Frost, supt. Noted Jan. 13.

Mass., Boston—Feb. 1, by Supply Dept., 220 tons 6 in., 700 tons 8 in 1,500 tons 12 in. and 600 tons 16 in. Class B pipe, also 75 tons special castings, 48 in. stock, for Water Serv. H. S. Frost, supt.

N. Y., Long Island City—Jan. 28, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Central, 38th, 25th, 58th, 89th, 90th, 91st, Skillman, 43rd, Barnett, Woolsey and 39th Aves.; 204th, 205th, 207th, 141st, 164th, 195th, Booth, Mary, 55th, 51st Sts., etc.

N. Y., Long Island City—Feb. 1, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 16th and 88th Rds., Mulberry, 17th, 77th and 78th Aves., 46th, 166th, 139th Sts., etc., here.

N. Y., New York—Feb. 1, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Avenue C, Lenox and 2nd Aves.; Division, South, Wooster, East 8th Sts., etc.

N. Y., Orchard Park—Feb. 11, by Bd. Village Trustees, at office Village Clerk, waterworks system, incl. earthen dam, filter plant, 55,000 ft. 8 in. pipe, 32,000 ft. 6 in. pipe, etc. J. P. Wells, 80 East Ave., Rochester, consult. engr.; adv. E. N.-R. Jan. 27.

N. Y., St. George — Feb. 1, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Hylan and Carlton Blvds., Great Kills, Morningstar, Old Amboy Rds., Thressea and University Pls., Appleby, Bement, Cannon, Cedar Sts., etc., here.

N. J., Newark—Jan. 31, by T. L. Raymond, dir. Pub. Affairs, City Hall, 6- to 12-in. low pressure water mains in various streets; concrete culvert under Lehigh R.R. tracks, and altering sewer in Frelinghuysen Ave.

Va., Fredericksburg—Feb. 17, by Common Council, L. J. Houston, Jr., city mgr., 2 m.g.p.d. filter plant, etc. Fuller & McClintock, 170 Bway., New York City, and 704 Natl. Bank Bldg., Charlottesville, consult. engrs.; adv. E. N.-R. Jan. 27.

Miss., Leland—Feb. 1, by Town, J. H. O'Quinn, clk., boring and equipping deep well.

O., Beachwood (br. Cleveland)—Feb. 1, by Village, 2¼ mi. 12 in. main in Richmond Rd. $100,000. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

O., Toledo—Feb. 1, by City, constructing and installing 30 m.g.d. steam turbine driven centrifugal high service pump, for Bway. Pumping Station. W. Clark, Spitzer Bldg., engr.

Minn., Minneapolis—Feb. 1, by F. S. Gram, city purch. agt., between 18,000 and 19,000 ft. 48 in. steel, c.i. or concrete water pipe, for Water Dept. N. W. Elsberg, city engr.

Minn., Minneapolis — Feb. 3, by F. S. Gram, city purch. agt., 55,000 ft. 6 in., 7,000 ft. each of 8 and 12 in., and 2,592 ft. 24 in. c.i. pipe. Former bids rejected. N. W. Elsberg, city engr. Noted Jan. 6.

Tex., Amarillo—Feb. 8, by City Clerk's Office, pumping station, storage reservoir, pipe lines and appurtenances, etc. Wynkoop Kiersted, 614 Interstate Bldg., Kansas City, Mo., engrs.

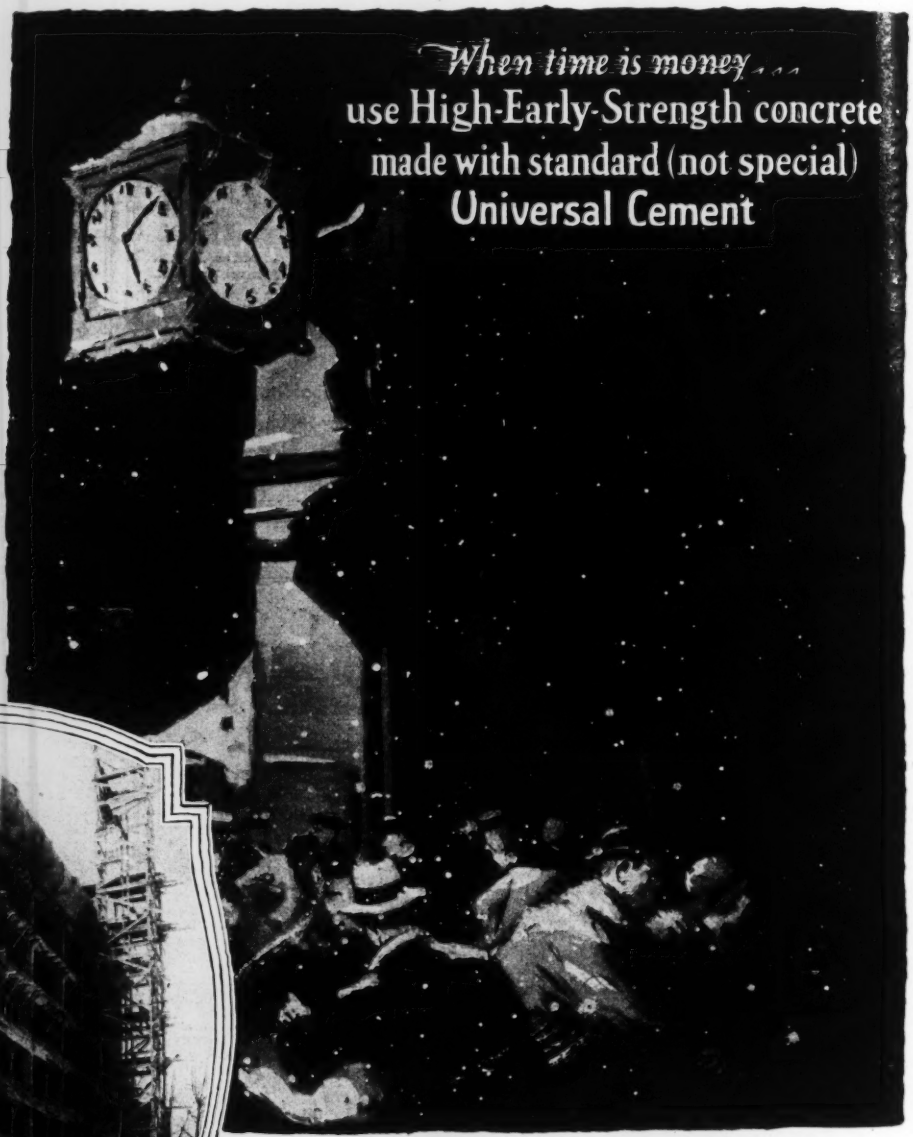
Ore., Portland—Feb. 9, at office G. R. Funk, city aud., 205 City Hall, Bull Run Storage Dam, etc. on main Bull Run River, point 10 mi. east of town of Bullrun, Clackamas Co.; adv. E. N.-R. Jan. 27.

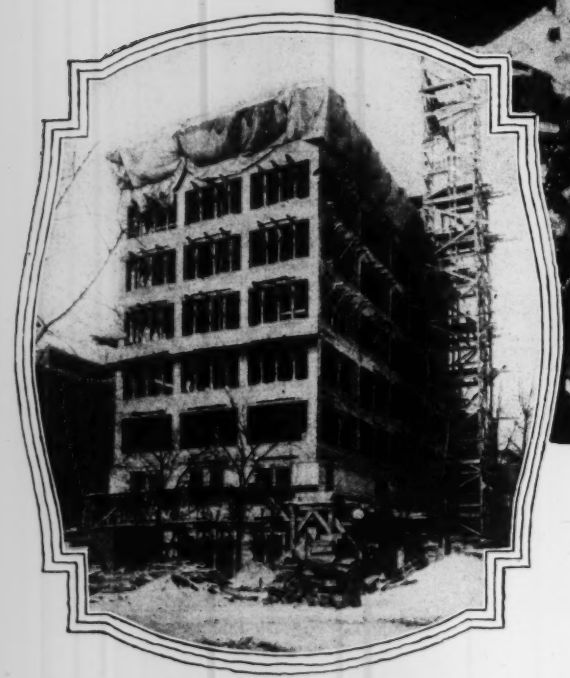
Ont., Toronto — Feb. 8, by T. Foster, mayor, City Hall, 30,000,000 imperial gal. centrifugal pumping units and appurtenances, Tender 35, $20,000. R. C. Harris, City Hall, engr.

Bids Received

Calif., Sacramento—See "Materials."

Constr. News page 50





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Makes Winter Building More Practicable Than Ever

The main difference between winter and summer concreting is that in cold weather the materials must be kept warm and the concrete protected from freezing.

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High-Early-Strength concrete (which is also permanently *better* and *stronger* concrete) is made by using fully tested methods and standard *Universal* cement, which being standard—not special—sells at the regular price. The accompanying coupon will bring full details promptly.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong concrete in 3 days with standard *Universal* [not special] cement, the same quality *Universal* regularly used.

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ENR 1-27

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Contracts Awarded

Conn., Mansfield—State of Connecticut, Hartford, two 25 x 30 ft., brick and steel buildings in connection with pumping station at Mansfield State Training School, here, to D. O'Brien & Sons Co., 118 Asylum St., Hartford. Engrs. est. $15,000.

N. C., Henderson — Filter plant, to Atlantic Bridge Co., Greensboro, $75,000; equipment, to F. B. Leopold Inc., 422 1st Ave., Pittsburgh, Pa., $20,000; wash water tank and foundations also piping, etc., to Atlantic Bridge Co., $4,410, and $8,100 respectively; pumps, to De Laval Steam Pump Co., East Trenton, N. J., $10,289; cast iron pipe, to Lynchburg Fdry. Co., Peoples' Bank Bldg., Lynchburg, Va., $2,824; and dry chemical feed machine and chlorinators, to Wallace & Tiernan, 233 Bway., New York City, $2,620. Grand total $123,790. Noted Dec. 23.

Miss., Biloxi—See "Streets and Roads."

O., Miamisburg — Trustees Pub. Wks., erecting steel stand pipe, 49 ft. high, 42 ft. diam., from 7/8 to 1/8 in. thick, to Chicago Bridge & Iron Co., 2101 Old Colony Bldg., Chicago, Ill., $8,990.

Minn., Minneapolis—F. S. Gram, city purch. agt., to Wheeler Iron Wks., Chattanooga, Tenn., 132 gate valves, for 6 in. at $23.10 each, 8 in. $36.30, and to Rensaelaer Valve Co., 53 West Jackson Blvd., Chicago, Ill., 24 in. at $413.60 each. Noted Jan. 13.

Minn., Minneapolis — F. S. Gram, city purch. agt., 150 tons special water castings, 30 tons rings and covers only, to Menzel & Jeffery Co., 900 South 4th St., at $55.25 per ton; also 120 tons pipe specials and gate boxes, to Baker Valve Co., 1847 East 28th St., at $70 and $68 per ton respectively. Noted Jan. 6.

Kan., El Dorado—Waterworks improvements, incl. earth dam, concrete spillway, intake, 24 in. flow line, clear well, etc., to Stimson Constr. Co., 414 New England Bldg., Topeka, $288,805. Engrs. est. $400,000. Noted Dec. 16.

Tex., San Antonio—For 12 m.g. vertical pump operated by vertical motor, used at Breckenridge Park Pumping Station of City Waterworks, to Allis-Chalmers Co., Milwaukee, Wis., $17,293.

Sewers

Proposed Work

Mass., Mansfield — Plans new sewerage. $300,000. W. Plattner, Mansfield, in charge.

Mass., West Roxbury (sta. Boston)—Dept. Pub. Wks., Boston, J. H. Sullivan, comr., plans sewerage works in various streets and private lanes, here. $25,000.

N. Y., Binghamton—Making plans sewage treatment plant. Fuller & McClintock, 170 Bway., New York City, engrs. Noted Sept. 30.

Miss., Greenwood—See "Unclassified."

La., Ruston—Rejected bids Jan. 4, 27,110 ft. 8 and 10 in. sewer, disposal plants, etc. To exceed $15,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted Dec. 30.

La., Shreveport—See "Waterworks."

Ky., Louisville—Making plans rein.-con. sewers in 4th St., incl. 4,300 ft. semi elliptical starting at 7½ size, 3 branches of 400 ft. 1,450 ft. and 960 ft. respectively, other diam. 6½ ft., 5½ ft. and egg shaped sections of diameter equivalent to 39 and 42 in. circles. $400,000. J. B. Breed, ch. engr. Com. of Sewerage, Trade Bldg.

Tenn., Paris—Plans 21,600 ft. 6- to 10-in. vitr. clay sewers, etc. in Sewer Dist. 9. $35,000. Long & Co., 528 Bennie-Dillon Bldg., Nashville, engrs.

O., Bedford—Takes bids about May 1, sewers in various streets. $60,000. B. T. Wright, Town Hall, engr.

O., New Boston (sta. Portsmouth)—Plans 18- to 24-in. vitr. sewer in West Ave. from Stanton Ave. to Ohio River. $63,000. J. D. Wilson, 1417 Grandview Ave., Portsmouth, engr. Noted Nov. 18.

Mich., Allegan—City, H. Bostwick, clk., City Hall, made preliminary plans sewage disposal plant, $150,000. Hoad, Decker, Shoecraft & Drury, 300 Amer. Savings Bank Bldg., Ann Arbor, engrs.

Tex., Alvin—Election Feb. 26, $60,000 bonds, complete sanitary sewerage system and disposal plant. Municipal Eng. Co., 1107 Athletic Club Bldg., Dallas, engrs.

Tex., McLean — Making plans 8 mi. sewers in various streets and sewage disposal plant. $65,000. Address J. H. Fowler, mayor.

Tex., Olmito (mail Brownsville)—A. Parker Securities Co., Brownsville, making plans disposal plant, 6 mi. sewers and laterals, in various streets, here. $125,000. Private plans.

Tex., San Angelo—See "Unclassified."

Tex., San Benito—Election Feb. 3 $40,000 bonds, sewage disposal plant. Address J. S. Brown, mayor.

Tex., San Benito—See "Unclassified."

Tex., San Saba—Sanitary Eng. Co., consult. engrs., P. O. Box 1512, Houston, preparing plans and soon takes bids sewerage system, disposal plant, and waterworks improvements, here, for City. $75,000. Noted Jan. 13.

Okla., Hollister—Making preliminary surveys sewage disposal plant, and 30,000 ft. 6- to 10-in. vitr. clay sewers, etc. in all streets. $30,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Maramec—Election Feb. 8, $30,000 bonds, 30,100 ft. 6- to 12-in. vitr. clay sewers, etc. in all streets. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Calif., San Francisco — Making plans rein.-con. sewer in Noriega St. between 24th and 29th Sts. To exceed $25,000. M. M. O'Shaughnessy, city engr.

Bids Desired

N. J., Newark—See "Waterworks."

Pa., Phila.—Feb. 2, by Dept. Pub. Wks., Bureau of Engineering, G. H. Biles, dir., Schedule A, branch sewers; Schedule B, main sewers in Tabor Ave. and Richmond St.; Schedule C, sewage disposal project in Howard St.

W. Va., Huntington—Jan. 31, by Bd. City Comrs., H. H. Fielder, city clk., trunk sewer along Four Pole Creek. A. B. Maupin, city engr.

N. C., Wilmington — Feb. 9, by City Comrs., 1,800 lin.ft. 42- to 54-in. storm water drains, necessary inlets, etc. in various streets. J. L. Becton, Wilmington, engr.

Ga., Augusta—Feb. 7, by Bond Comn. and Finance Com. of City Council, J. W. Westmoreland, clk., 34,450 ft. 8- to 24-in. terra cotta sewers, etc. in various streets. W. H. Wise, city engr. and comr. pub. wks. Noted Jan. 6.

Ill., Chicago—Feb. 2, at office Bd. Local Impvts., Room 207, City Hall, system concrete and tile sewers with concrete bulkhead, temporary wooden flume, concrete manholes and catch basins, etc., across right-of-way of Sanitary Dist. of Chicago, in West 50th, 51st and 55th Sts., South Cicero, South Levergne, South Leamington and South Laramie Aves. $740,000. F. X. Rydzewski, vice pres. Noted Nov. 25.

Wis., La Crosse—Taking bids 0.5 mi. 36 rein.-con. or segmental block sewer outlet in Logan St. To exceed $25,000. C. C. Congdon, City Hall, engr. Noted Sept. 16.

Tex., Luling—Feb. 21, by City Comn., 1,252 lin.ft. 12 and 24 in. sewers, etc. in various streets. S. H. Burchard, Gonzales, engr.

Ont., Hamilton—Feb. 2, by F. F. Treleaven, mayor, City Hall, constructing 625 ft. 10 x 8 ft., and 1,622 ft. 8 ft. 4 in. x 6 ft. 9 in. sewer in tunnel with connections in Gage Ave. and Barton St. $125,000.

Ont., Toronto—See "Contracts Awarded."

Bids Received

O., Akron—W. F. Peters, dir. Pub. Serv., Jan. 13, 10,960 ft. 8 to 30 in. vitr. clay sewer and house connections in Brittain Rd. et al, and 4,805 ft. trunk sewer in Willow Run 6, from T. E. McShaffrey Constr. Co., 173 South Forge St., $41,519 and $229,448 respectively, engrs. est. $46,400 and $208,726 respectively also 6,480 ft. 30 in. vitr. clay 440 ft. 36 in., 6,920 ft. 8 in. brick or tile trunk sewer in Hawkins Ave., Contr. 4, from F. George, 1657 Mahoning Ave., Youngstown, $63,332, engrs. est. $71,097. Noted Dec. 30.

O., Cincinnati—Director Pub. Serv., Jan. 11, 11,535 ft. 12- to 24-in. vitr. clay trunk sewer in Madisonville Constr. 7, from Cannell-Conrad Co., Madison Rd., Norwood, $108,593. Engrs. est. $151,069. Noted Jan. 6.

O., Garfield Heights (mail Cleveland) — Sewers in 5 various sections, from D. Rossi-Marceletti Co., 11696 Willard Ave., Cleveland, concrete $170,600, and segmental block $168,466; also from W. McDowell & Son, 4120 East 104th St., Cleveland, brick $179,879. Noted Nov. 25.

Calif., Los Angeles — Bd. Pub. Wks., storm drain, etc. in Amherst Ave., from R. Metcalf, 1931 North Commonwealth Ave., $89,500.

Calif., Los Angeles—Bd. Pub. Wks., from Gogo & Rados, 3274 Descanso Dr., sewer in Venice Blvd., sanitary sewer $132,000, and 37,342 lin.ft. house sewers at $1.15 per ft. Noted Jan. 13.

Contracts Awarded

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to P. J. Greenough, 9919 Guilford Ave., Forest Hills, sewer in Adam St., $1,920, 83rd St. $1,780, and in Myrtle Ave. $5,000; to D. A. Gross, 1815 Fulton St., Woodlawn, 82nd St. $4,431; to J. Gallo, 30th and State Sts., Flushing, 60th St., $30,682, Bradley Ave. $8,443, and Clermont Ave. $1,200; and to Kennedy & Smith, Inc., Branford Ave., Flushing, in 42nd Ave. $2,533. Grand total $55,989. Noted Jan. 20.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewer in East 224th St., to Anita Constr. Co., 2975 Marion Ave., $31,269; and Allerton Ave., to A. Musumecci & Sons, Inc., 277 East 146th St., $20,188. Noted Jan. 6.

Miss., Biloxi—See "Streets and Roads."

Miss., Macon — Complete sewerage, to Long & Haggerty, Bessemer, $41,275.

Ky., Paducah—Pub. Wks., City Hall, vitr. clay sewers, etc. in various streets, to McKelvey Constr. Co., Title Guaranty Bldg., St. Louis, Mo., $252,809. Engrs. est. $315,000. Noted Dec. 30.

O., Euclid—For 6,855 ft. 15- to 48-in. brick and concrete storm sewer in Euclid Ave., Berwick Dist. 4, to Ciraci Constr. Co., 3305 Milverton Rd., Shaker Heights, $77,212. Noted Jan. 13.

Mich., Detroit—Dept. Pub. Wks., constructing concrete regulating chamber, in Owen Park and Jefferson Ave., to A. R. Crow Co., 6658 Wagner Ave., $20,750; vitr. crock and brick sewers in Laterals 4720, 4,734, and 4,735, to Western Constr. Co., 5,123 Wesson Ave. $16,718, Laterals 4,733, 4,746, and 4,753, to Nicolo Di Ponia, 13,535 Woodward Ave. $15,045, Laterals 4,736, 4,738 and 4,744, to Waterway Constr. Co., 516 Transportation Bldg. $39,880, Lateral 4,748, to T. D. Nolan, 106 West Montana St., $10,435, Lateral 4,749 to W. Blanck C 13,535 Woodward Ave. $17,135, Lateral 4,750, to Michigan Constr. Co., 2,237 St. Joseph Ave. $11,990, Lateral 4,751, to A. Arcari, 13,535 Woodward Ave. $14,700, Laterals 4,752 and 4,732, to A. Rossi, 5,307 Pennsylvania Ave. $3,808, and Lateral 4,739, to F. Di Cicco & Son Co., 521 East State Fair St. $10,469. Grand total $160,930. Noted Dec. 23.

Minn., Minneapolis — F. S. Gram, city purch. agt., 400 tons sewer castings, to Baker Valve Co., 1847 East 28th St., incl. manholes at $48 per ton also rings and covers at about $50 per ton; and 500,000 vitr. paving bricks for sewer construction, to Mason City Brick & Tile Co., Mason City, Ia., $16.76 per M. Noted Jan. 20.

Tex., Lubbock—For 4,685 ft. 15- to 33-in. sewers, etc. in various streets, to Panhandle Constr. Co., Lubbock, approximately $28,000.

Calif., Los Angeles—Los Angeles Co. Sanitation Dist. 2, for Belvedere Trunk Sewer, vitr. pipe, to J. C. Hickey, 320 South Palm Ave., $54,005; main trunk sewer in Harding Ave., to M. Krkich, Douglas Bldg., $218,450; and Montebello Trunk Sewer, to G. A. Shepard, 1417 Dana St., $40,960. Grand total $313,415. Noted Jan. 6.

Calif., Los Angeles—Sewer in Piedmont Ave., McHenry Rd., Chevy Chase and Naranjo Drs., etc. to L. Massa, 1326 East Florence Ave., Huntington Park, $73,823.

Calif., Santa Cruz—S. A. Evans, city clk., outfall and sewerage system, to J. H. Tillman Co., 300 East Cabrillo Blvd., Santa Barbara, $401,974. Noted Jan. 13.

Ont., Hamilton—F. F. Treleaven, mayor, City Hall, first section storm sewer in Gage Ave., to Curran & Briggs, Toronto, $136,000. Noted Dec. 30.

Ont., Toronto—York Twp., concrete trunk sewer in Eileen Ave., to W. E. Taylor, 22 Falcon Ave., $24,509; and vitr. tile sewer in Dundas St., Lapp and McCormack Aves., by day labor. $11,680. Noted Jan. 20.

B. C., Point Grey—Vitr. sewers in various streets, to N. Cosco, 1174 Bway. W., Vancouver, $26,553.

Waste Disposal

Proposed Work

Conn., New Britain—Plans garbage and rubbish incinerator. R. W. Pullen, supt. health. J. D. Williams, city engr.

Ont., Ford—Plans concrete, brick and steel incinerator, incl. furnaces and chimney, Front St. $25,000. H. W. Patterson, Ford, engr. Noted Nov. 4.

Contracts Awarded

Pa., Meadville—R. L. Phillips, city engr., collecting and disposing of garbage and rubbish, to B. Melvin, Garbage Serv., Meadville, $23,000. Noted Nov. 25.

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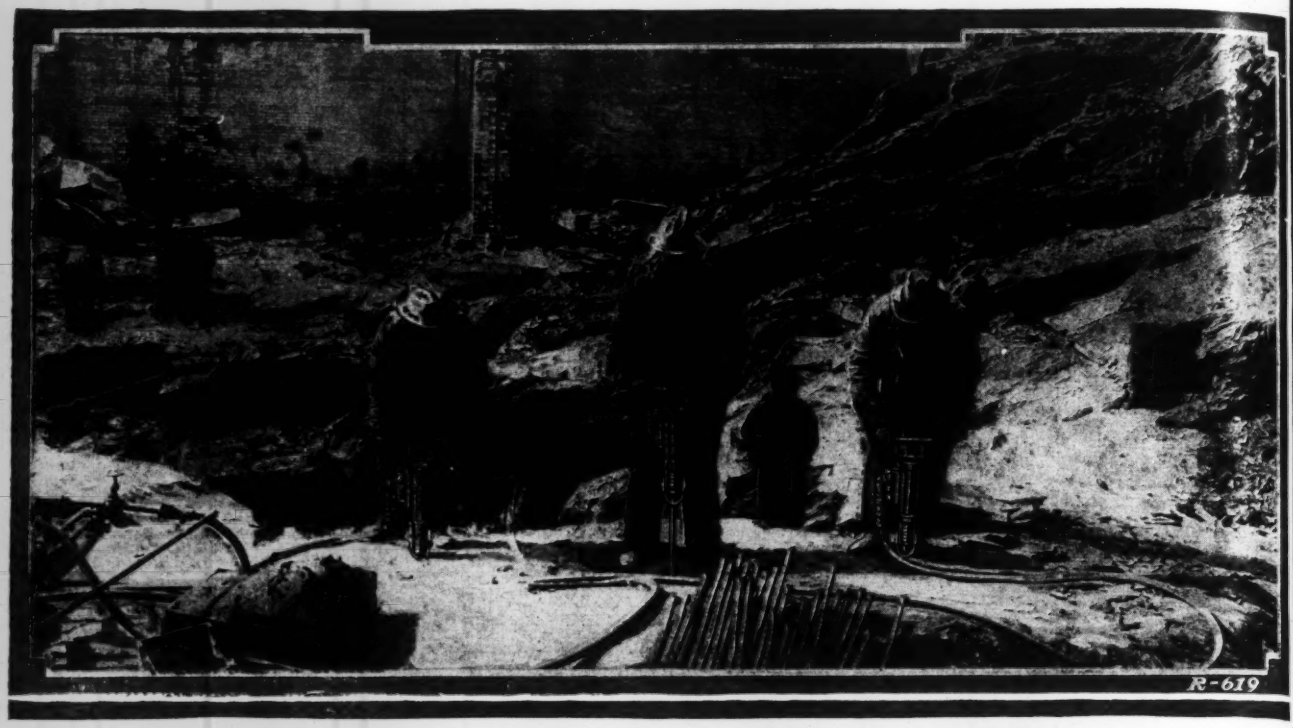

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Bridges

Proposed Work

N. J., Mercerville—Bd. Freeholders Mercer Co. (Trenton) plans steel and concrete bridge over Assunpink Creek, here. $25,000.

Miss., Bay Springs—See "Streets and Roads."

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys bridge over (Kyles Ford) Clinch River, Hancock Co. To exceed $25,000. C. N. Bass, highway comr.

Kan., Topeka—City, W. E. Baldry, engr. City Hall, and Atchinson, Topeka & Santa Fe R.R., 80 East Jackson Blvd., Chicago, Ill., C. F. Felt, ch. engr., making plans rein.-con. and steel viaduct over railroad tracks, at Braneer St. $225,000. Structural steel work will be done by railroad forces.

Mo., St. Joseph—City and Chicago Great Western R.R. Co., C. G. Delo, ch. engr., Chicago, Ill., soon take bids 108 ft. rein.-con and steel bridge over railroad tracks, near Krug Park. $89,500. W. M. Spann, City Hall, engr.

Mo., St. Joseph—City and St. Louis & San Francisco R.R. Co., F. G. Jonah, ch. engr., St. Louis, plan rein.-con. and steel bridge, along Main St., Robinson and Benton Aves. $500,000.

Mo., St. Louis — See "Railways under Missouri."

Mo., St. Louis — Takes bids in spring asphalt resurfacing Kingshighway Bridge. $100,000. R. Brooks, City Hall, dir. Streets and Sewers.

Mo., St. Louis—Made plans 5 span 215 ft., rein.-con. and steel bridge, 40 ft. with 25 ft. roadway, etc., over River Des Peres, at Watson Rd. $56,000. L. R. Bowen, 301 City Hall, engr.

Mo., St. Louis—Making preliminary plans rein.-con. viaduct to carry Tholozan Ave. over Missouri Pacific R.R. tracks at Kingshighway Blvd. $32,000. L. R. Bowen, 301 City Hall, engr.

Tex., Abilene—See "Streets and Roads."

Tex., Canyon—See "Streets and Roads."

Tex., Cold Springs — See "Streets and Roads."

Tex., Huntsville — See "Streets and Roads."

Tex., Victoria—See "Streets and Roads."

Tex., Wharton—See "Streets and Roads."

Ont., Paris—Brant Co. (Brantford) plans 300 ft. concrete or concrete and steel bridge, 45 ft. over Grand River, at William St., here, $150,000. J. M. Jackson, County Bldg., Brantford, engr.

B. C., North Vancouver—North and West Vancouver, City Hall, making preliminary plans steel bridge on concrete abutments over Capilano River on Marine Dr. $95,000. W. G. Swan, 718 Ganville St., Vancouver, engr.

Bids Desired

N. Y., Peekskill—Feb. 14, by Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, constructing west approach Peekskill Creek Viaduct, on Bronx Parkway extension, near here. J. Downer, ch. engr.; adv. E. N.-R. Jan. 27.

N. Y., Poughkeepsie—Mar. 9, by F. S. Greene, supt. Pub. Wks., 353 Bway., Albany, completing approach and anchorages and constructing superstructure Mid-Hudson Bridge, here, Contr. 5; adv. E. N.-R. Jan. 27.

North Carolina—Feb. 8, by State Hy. Comn., Raleigh, rein.-con. bridges, etc. on Project 333, Columbus Co., $63,000; and on Project 4440, Lee Co., $93,800. L. R. Ames, Raleigh, engr.

Miss., Gulfport—See "Streets and Roads."

Wisconsin—See "Contracts Awarded."

Kan., Lincoln—See "Streets and Roads."

Kan., Solomon—Feb. 10, by H. W. King, clk. Dickinson Co., at Court House, Abilene, two 110 ft. span bottom chord concrete arch bridge with 18 ft. roadway, 83,474 lb. reinforcing, 100,530 lb. structural steel, 3,080 ft. piling, etc., over Smokly Hill River, near here. C. Nicholay, Court House, Abilene, engr.

Bids Received

Pa., Phila.—Dept. Pub. Wks., Bureau Engineering, Jan. 19, 6 track, 80 x 80 ft. steel plate girder bridge on concrete abutments, concrete floor on I St. under connecting railway tracks, from Kaufman Constr. Co., Pennsylvania Bldg., $91,982. Noted Jan. 13.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, from F. Kaney, Forreston, one 50 ft. and one 30 ft. span concrete girder bridges on Route 89, Sect. 101-B, Lee Co., $12,430; from Vincennes Bridge Co., Vincennes, Ind., one 100 ft. span steel superstructure on Route 96, Sect. 126-C, Adams Co. $6,347, 50 ft. span concrete and 70 ft. steel bridges on Route 115, Sects. 102-B and C, Kankakee Co. $19,162, one 100 ft. and one 80 ft. span steel bridge on Route 115, Sect. 106-C, Ford Co. $11,665, 110 ft. span steel superstructure on Route 116, Sect. 112-C, Livingston Co. $8,094, 100 ft. span steel superstructure on Route 151, Sect. 110-C, Randolph Co. $6,174, and 100 ft. span steel superstructure on Route 116, Sect. 102-C, Tazewell Co. $6,466; from Herrick Constr. Co., Carlinville, one 50 ft. and one 30 ft. span concrete girder bridges on Route 96, Sect. 127-B, Adams Co., also one 40 ft. span concrete girder bridge and one 100 ft. span concrete substructure with six 40 ft. concrete approach spans on Route 96, Sect. 126, Adams Co. $53,333; from Zimmerly Bridge Co., Paris, two 12 ft. and two 10 ft. concrete culverts and one 40 ft. concrete girder bridge on Route 115, Sect. 103-B, $12,632, also one 24 ft. and one 28 ft. concrete slab spans on Route 115, Sect. 104-B, $8,232, both Kankakee Co.; from Cast Constr. Co., Eau Claire, Wis., 16 ft. concrete slab and 30 ft. concrete girder bridges on Route 115, Sect. 105-B, Ford Co. $6,450, one 40 ft., one 45 ft., and one 50 ft. span concrete girder bridges, also one 100 ft. and one 80 ft. span steel and concrete substructure on Route 15, Sect. 106-B, Ford Co. $38,148; from P. McCully Constr. Co., Mackinaw, one 57 ft. concrete girder bridge on Route 115, Sect. 112-B, Livingston Co. $7,455; from E. Kuehn, East St. Louis, one 16 ft. and two 20 ft. span concrete slab bridges on Route 157, Sect. 119-B, St. Clair Co. $7,428; from G. H. Goodling, Lawrenceville, one 50 ft. and one 40 ft. concrete girder bridges on Route 136, Sect. 104-B, Crawford Co., and Route 137, Sect. 101-B, Lawrence Co. $12,789; from H. R. Cawood, Mt. Vernon, two 35 ft. concrete girder bridge and one 100 ft. span concrete substructure with two 40 ft. concrete girder approach spans on Route 151, Sect. 110-B, Randolph Co. $20,790; from H. C. Holmes, Macomb, 30 ft. span concrete girder bridges and one 20 ft. span concrete slab bridge on Route 168, Sects. 114-B and 115-B, Fulton Co., $31,615; from Ferguson Constr. Co., Rockfield, one 18 ft., two 26 ft., two 30 ft. and two 24 ft. concrete slab bridges, one 35 ft. and two 40 ft. concrete girder bridges, also two 75 ft. and two 100 ft. span concrete substructure on Route 74, Sect. 101-B, Stephenson Co. $61,848; from Lakeside Bridge & Steel Co., North Milwaukee, Milwaukee, Wis., two 75 ft. and two 100 ft. span steel superstructures on Route 74, Sect. 101-C, Stephenson Co. $15,861; from Schmidt Constr. Co., Peoria, 26 ft. concrete slab, 30 ft. concrete girder spans and concrete substructure for 100 ft. span steel bridge on Route 116, Sect. 102-B, Tazewell Co. $15,760; from M. R. Dayo Mfg. & Constr. Co., 801 West Washington and East Peoria Sts., Peoria, one 30 ft., two 24 ft. and one 20 ft. concrete slab bridges, and three 30 ft. concrete girder bridges on Route 121, Sect. 105-B, Tazewell Co. $30,880. Noted Jan. 6.

Contracts Awarded

New Jersey—See "Streets and Roads."

Alabama—State Hy. Dept., Montgomery **(F.A.P. means Federal Aid Project and S.A.P. means State Aid Project)**, bridges on Florida State Line-Laxley Rd., F.A.P. 184-A, Baldwin Co., to W. J. Bryson Paving Co., 329 West Adams St., Jacksonville, Fla., $19,230, small concrete bridges on Centerville-Wilton Rd., F.A.P. 176, Bibb Co., to C. B. Cox, Clanton $40,817, 200 ft. timber bridge over railroad tracks at Woodstock, F.A.P. 180, Bibbs and Tuscaloosa Counties, to S. C. Taylor, Gadsden $12,597, 350 ft. timber bridge over railroad tracks near Repton, Conecuh Co., to G. A. Thomaston, Macon, Ga., $6,812, bridges on Valley Head-Mentone Rd., F.A.P. 181, De Kalb Co., to Newell Constr. Co., 3828 Avenue A, Birmingham $16,136, concrete and steel bridge at Woodstock, F.A.P. 185, Tuscaloosa Co., to Peterson & Ernhart, Montgomery $34,246, small concrete bridges on Vernon-Sulligent Rd., F.A.P. 174, Lamar Co., and on Marion-Bibb Co. line Rd., F.A.P. 175-B, Perry Co., to Nixon & Phillips, Lineville, $7,596 and $26,722 respectively, 2 span, 125 ft. and 1 span, 75 ft. creosoted timber bridges on stone foundations, on Selma-Montgomery Rd., Lowndes Co., and small concrete bridges on Bullock Co. line—Union Springs Rd., S.A.P. 134, Pike Co., to E. Pettus, Montgomery $10,808 and $11,452 respectively. Grand total $186,416. Noted Jan. 7.

Wisconsin—State Hy. Comn., Div. Office 8, 1st Natl. Bank Bldg., Superior, constructing Upper Yellow River Bridge, Federal Aid Project 407-B, Burnett Co., to H. A. Roush, Minneapolis, Minn., $10,847; Earl Bridge, Federal Aid Project 406-D, Washburn Co., to A. O. Clark, Wausau, $15,940; Tom Tom Bridge State Job 8318, Barron Co., to C. W. Peterson, Rice Lake $5,987; and Beaver Dam Bridge, Trunk Highway 24, in Cumberland, Barron Co., by day labor. Noted Jan. 13. E. D. I. & L.

Minn., Aitkin—H. C. Beecher, aud. Aitkin Co., constructing State Bridge 4516, 171 ft. high truss span over Mississippi River, on State Aid Road 4, to Johnson & Engberg, Aitkin, $23,882.

Kan., Topeka—See "Proposed Work."

N. M., Las Cruses—State Hy. Comn., at office E. T. Mallery, state highway engr., Santa Fe, constructing eighteen 40 ft. and one 50 ft. rein.-con. bridge at Young Ave., on Federal Aid Project 107-B, Dona Ana Co., to Geottig & Porter, Las Cruces, $73,889. Noted Jan. 13.

Dams

Bids Desired

Ore., Portland—See "Waterworks."

Railways

Proposed Work

Missouri—Missouri Pacific R.R. Co., E. A. Hadley, ch. engr., Ry. Exch. Bldg., St. Louis, making preliminary plans constructing cut-off track connecting present St. Louis-Kansas City line at point near Eureka, 28 mi. west of St. Louis; also rein.-con. and steel bridge over Mississippi River, near Jefferson Barracks. $9,000,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Boston—Commonwealth of Massachusetts, Dept. Pub. Wks., Water Div., plans bulkhead and fill solid in Neponset River. $25,000. W. F. Williams, comr.

Miss., Marks—Sledge Bayou D. D., Quitman Co., E. C. Black, atty., soon lets contract 25,000 yd. emergency levee work requiring small dredge line 35 to 40 ft. boom. L. W. Mashburn, Clarksdale, engr.

La., Shreveport — W. A. Kerley, secy. Caddo Levee Dist., 126 Milam St. returned bids unopened for new levee or bank protection in Red River. Work postponed indefinitely. Noted Jan. 6.

Tex., Edinburg—M. Goodwin soon takes bids concreting canals for irrigating approximately 25,000 acres land near here. $400,000. Private plans. Noted Aug. 5.

Tex., Newton—H. J. L. Stark, Orange, made plans and probably takes bids in spring, irrgiating 32,900 acres land on Sabine River, here. Probably gravity system. $300,000. Private plans.

Oklahoma — State Drainage Board, Capitol Bldg., Oklahoma City, making surveys impounding reservoirs to store flood waters, one at Atoka, Atoka Co. for Boggy Creek $140,000, one at Berwin, Carter Co., for Washita River $800,000 one at Coal, Coal Co. for Leader Creek $200,000, one at Wetumka, Hughes Co. for Caney Creek $150,000, one at Gowen, Latimer Co. for Gaines Creek $525,000, one at Wister, Le Flore Co., for Poteau River $500,000, one at Krebs, Pittsburg Co. for Bushy Creek $380,000, one at McAlester, McAlester Co. for Coal Creek $175,000, one at Haworth, McCurtain Co. for Clover Creek $450,000, one at Antlers, Pushmataha Co. for Keamichi River $400,000, and one at Checotah, McIntosh Co. for Mill Creek $160,000. E. E. Blake, Capitol Bldg., Oklahoma City, engr.

Bids Desired

Pa., Harrisburg — See "Streets and Roads."

Miss., Bay St. Louis — Feb. 8, by Bd. Supervs. Hancock Co., seawall along Bay St. Louis, extending approximately 3 mi. north and $6\frac{7}{8}$ mi. off existing seawall, incl. 48,800 ft. stepped type concrete wall, 2,679 ft. 12- to 36-in. drain pipe, 104 cu.yd. concrete culverts, 88,920 lb. reinforcing, 10,830 cu.yd. excav. and 261,500 cu.yd. dredged earth fill. $1,250,000. J. W. Billingsley, Interstate Bank Bldg., New Orleans, La., consult. engr. Noted Jan. 20.

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Excavation, Drainage, Irrigation, Levees, River and Harbor (Continued)

Miss., Gulfport—See "Streets and Roads."

La., Baton Rouge—Feb. 15, by Bd. State Engineers, W. H. Hoffman, secy., 213 New Orleans Court Bldg., approximately 6,800 ft. bank protection at Cat Island Bend in Red River, Bossier Parish. Private plans.

O., Bellefontaine—Feb. 19, by I. P. Core, surv. Logan Co., Court House, constructing Mad River Joint Ditch Impvt., in Jefferson, Monroe and Liberty Twps., Logan Co., and Salem Twp., Champaign Co., 241,533 cu.yd. open excav., etc. $37,180.

O., Paulding—Feb. 4, by Comrs. Paulding Co., constructing Co. Ditch 4, 70,975 cu.yd. excav., etc., in Union and Tulley Twps., Van Wert Co., and Benton, Blue Creek, Latty and Washington Twps., Paulding Co., known as Prairie Creek. R. H. Schultz, Paulding, co. surv.

Calif., Santa Barbara—Feb. 17, by E. A. Robison, city mgr., City Hall, constructing breakwater and incidental harbor facilities, for City. F. B. Smith, Holbrook Bldg., 58 Sutter St., San Francisco, consult. engr.; adv. E. N.-R. Jan. 27.

Bids Received

Wash., Seattle—See "Streets and Roads."

Calif., Tracy—Banta-Carbona Irrigation Dist., furnishing and installing centrifugal pumps, motors, starters, relays, float switches, etc., from United Iron Wks., 580 2nd St., Oakland, $43,400; alterations and additions to pump houses, from J. F. Kristich, Knightsen, $43,416. Noted Nov. 4.

Contracts Awarded

Mass., Boston—Standard Oil Co. of New York, Park Sq. Bldg., dredging and building wharf at East Boston, to Aberthaw Co., 80 Federal St.

Ill., Carthage—Comrs. Hunt D. D., Hancock Co., 1,599,611 cu.yd. excav., to Callahan Constr. Co., Railway Exch. Bldg., St. Louis, Mo. Noted Dec. 30.

Ill., Quincy—Comrs. Lima Lake D. D., Adams Co., 1,292,150 cu.yd. excav., to Callahan Constr. Co., Railway Exch. Bldg., St. Louis, Mo. Noted Dec. 30.

Iowa—Cerro Gordo Co. (Mason City) and Hancock Co. (Garner) cleaning Joint D. D. 113 and 123, 600 ft. open ditch, 23,250 ft. 6- to 24-in. tile, etc., to W. W. Codner, Parkersbury, $9,386. Noted Dec. 16.

Texas — Lamar-Delta Co. Levee Impvt. Dist. 2, c/o T. L. Beauchamp, Paris, constructing channels, incl. clearing, grubbing and excavating approximately 1,000,000 yd. in Lamar and Delta Counties, to Trinity Farm Constr. Co., Waxahachie, $126,665. Former contract rescinded. Noted Dec. 16.

Calif., El Cerrito—See "Buildings—Commercial under Bids Desired."

Streets and Roads

Proposed Work

Conn., Middletown—Plans concrete paving Washington St., $108,000, and widening underpass $15,000. G. A. Schaefer, City Hall, engr.

W. Va., Pineville — Baileyville Dist. voted $60,000 bonds, improving various roads in Wyoming Co. A. B. Shannon, Pineville, engr. Noted Dec. 23.

W. Va., Pineville—Barkers Ridge Dist. voted $325,000 bonds, improving various roads in Wyoming Co. A. B. Shannon, Pineville, engr. Noted Dec. 23.

W. Va., Richwood—Voted $50,000 bonds, paving West Main St. and Dain Rd. H. J. Smith, recdr.

Miss., Bay Springs—Jasper Co. takes bids in February, grading, bridging and gravel surfacing 15 mi. roads in Supervisors Beat 3, $70,000 bonds voted for same; and 18 mi. in Beat 4, $125,000 bonds voted. J. L. Wheless, Hattiesburg, engr. Noted Jan. 16.

Miss., Greenwood—See "Unclassified."

Tenn., McKenzie—Takes bids in February or March paving 86,000 sq.yd. various streets. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, Okla., engrs. Noted Dec. 30.

Tenn., Selmer—McNairy Co. and State Dept. Highways & Pub. Wks., Nashville, plan improving 15 mi. State Road 5, between Selmer and Mississippi State Line.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids in spring grading, curbing and vitr. brick paving, etc. 4,705 sq.yd. Haynes St. $28,900. E. A. Kemmler, Municipal Bldg., engr.

O., Alliance—Bd. Control takes bids in spring improving East College St. from Arch St. to Liberty Ave. $50,000-$60,000.

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O., Canton—Bd. Control takes bids in spring, vitr. block paving Serpentine Rd. from 12th St. N.W. Extension Clarendon Ave. at 12th St. N.W. $114,450. W. E. Sarver, City Hall, engr.

O., Canton — Stark Co. takes bids in spring brick paving 4½ mi. Canton-Louisville Rd., 16 ft. $200,000. A. M. Wise, Canton, engr.

O., Springfield—City Comrs. take bids in spring improving St. Paris Park from McCreight to Harding Rd., $32,306; Innisfallen St. from Western Ave. to Dayton Rd., $32,115, Innisfallen Ave. from Yellowsprings St. to Western Ave., $26,856; Kenton St. from East St. to Belmont Ave., $98,448; and High St. from Dayton Ave. to Walker St., $39,677. W. E. Lucas, Springfield, engr.

Ind., Washington — Daviess Co. plans constructing W. Brett Cabel, Alfred Sims, W. H. Mattingly, Alfred E. Myers, and Harvey Berry Rds. $136,182. Address County Auditor.

Mich., Detroit—Making plans concrete and stone curbing, widening and 3½ in. sheet asphalt on 8 in. concrete paving 46 streets. P. A. Fellows, city engr.

Wis., Juneau—Dodge Co., E. F. Becker, clk., voted $1,119,000 bonds, graveling various roads during 1927, 1928 and 1929. E. C. Nitschke, Burnett, highway comr.

Wis., Madison—Bd. Pub. Wks. making plans widening, and asphalt, wood block, concrete or amiesite paving Vista Rd., Alleys in City Blocks 7 and 31, Wingra Park, Wirth and Delaplaine Courts, West Washington, Wisconsin, East Washington and Sherman Aves., North, West Gorham, North Park, Cross, Colby, Gregory, Gilmore, Chapman, Oak and Edgewood Sts.; asphalt wearing surface on old macadam paving West Doty St.; also filling Emerson and Lowell Sts. $265,000. E. E. Parker, city engr.

Wis., Milwaukee—R. E. Stoelting, comr. Dept. Pub. Wks., plans expending $3,500,000, improving various streets. J. Schwada, City Hall, engr.

Ia., Storm Lake—Buena Vista Co. plans gravel surfacing 34 mi. primary and secondary roads. $63,000. A. H. Cunningham, Storm Lake, co. engr.

Minn., Alexandria—Douglas Co. making plans grading and graveling 9.5 mi. Job 2701 and 3.5 mi. Job 2703; also graveling 6 mi. Job 2602. E. Hangan, Alexandria, co. engr.

Minn., Hastings—Making plans 6 in. concrete paving, etc. 21 blocks various streets. E. G. Briggs, city engr.

Minn., Jackson—City Council takes bids about Feb. 15, alternate types paving 26,000 yd. various streets. S. A. Siverts, Jr., 300 Builders Exch., Minneapolis, engr.

Minn., St. Paul—Plans paving approximately 3 mi. Edgecumbe Rd. $122,000. G. M. Shepard, city engr.

Minn., Thief River Falls—P. S. Pederson, city clk., making plans concrete or bitulithic paving approximately 1 mi. various streets. $35,000. W. B. Stevenson, Fargo, N. D., engr.

Kan., Topeka—Takes bids in spring or early summer 2 in. asphaltic concrete on concrete paving portions Kingston Court, Park Ave., Lime, West Gordon, 9th, Oakley, Strong, Taylor, Reno, Grandview, Thomas, 12th, Pennsylvania, Laurel, Stephens, 14th and Duane Sts., and various alleys. W. E. Baldry, City Hall, engr.

N. D., Minot—G. A. Reishus, city aud. making plans paving approximately 6 mi. various streets. $239,706. W. W. Peterson, city engr.

Mo., Craig—Making preliminary plans grading, curbing, concrete paving, etc. 10 blocks various streets. J. V. Shikles 708 New York Life Bldg., Kansas City, Engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, takes bids in spring amiesite paving, etc. 3,615 sq.yd. Enright Ave. $14,250, 5,760 sq.yd. Neosho St. $34,500, and 7,950 sq.yd. DeTony St. $8,650; rein.-con. paving, etc. 1,930 sq.yd. Blendon Pl. $10,500, 4,230 sq.yd. Wanda St. $26,600, 1,085 sq.yd. Steffens St. $6,360, 7,950 sq.yd. Eichelberger St. $40,000, and 1,475 sq.yd. Richard Pl. $10,750; also concrete paving 1,570 sq.yd. Oberbeck St. $9,100. W. W. Horner, 300 City Hall, engr. Noted Sept. 30.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, takes bids in summer, asphalt, warrenite bitulithic or amiesite resurfacing, etc. 9,915 ft. Lindell Blvd., 50 ft. $250,000. F. W. Page, Municipal Courts Bldg., comr. Dept. Parks & Playgrounds. R. Brooks, dir. Streets and Sewers.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made preliminary plans amiesite, warrenite or asphalt paving, etc. Leffingwell St. between Market and Randolph Sts. $23,400-$23,800, Ewing Ave. between Charles Larned Addition and Market St. $33,900-$34,300, Itaskam St. between Macklind St. and January Ave. $17,700-$17,800; concrete paving, etc. Delor St. between Ridgewood and Kingshighway Sts. $10,[illegible]; asphaltic concrete paving, etc. Finkman St. between Macklind St. and January Ave. $12,000, and Rhodes St. between January and Hampton Aves. $17,900; asphalt, vitr. brick, amiesite or warrenite bitulithic paving, etc. Reber Pl. between January Ave. and 59th St. $14,000-$16,000, Macklind St. between Botanical and Bischoff Sts. $21,000-$25,400, and Hereford St. between Berthold St. and alley in City Block 2 $7,260-$7,850; vitr. brick or granite block paving, etc. Rutger St. between wharf and 1st St. $8,350-$12,000, Rutger St. between 1st St. and Bway. $43,200-$59,000, and Soulard St. between Kosciusko St. and Bway. $45,600-$63,500; amiesite, rein.-con. or asphaltic concrete paving, etc. 38th St. between Wingham and Osceola Sts. $4,750-$5,750; asphaltic concrete or rein.-con. paving, etc. Carlsbad Ave. between Dresden and Schoolau Sts. $12,200-$13,000, Concordia Ave. between Ray Ave. and Morgan Ford Rd. $12,500-$13,300, Spring Ave. between Osceola and O'Meara Aves. $16,900-$17,900, Oxford Lane between Switzer and Laran Aves. $7,700-$8,100, and Gresham St. between January and Hampton Aves. $14,000-$15,000. W. W. Horner, 300 City Hall, engr. Noted Sept. 30.

Ark., England—Plans curbing, guttering and concrete paving various streets, $35,000. Dickerson & White, 608 Boyle Bldg., Little Rock, engrs.

Tex., Abilene—Taylor Co. making plans grading and bridging 15 mi. Highway 30 from here to Tuscola. $120,000. L. C. McCanlies, Abilene, engr.

Tex., Abilene—Making plans hard paving 13 blocks Walnut St. $80,000. W. A. Riney, Abilene, engr.

Tex., Anderson — Grimes Co. making plans concrete and gravel surfacing 5.088 mi. Highway 90, 18 ft. $96,000. O. A. Seward, Jr., Navasota, co. engr.

Tex., Canyon—Randall Co. making plans grading, bridging and rein.-con. paving 5 mi. Highway 9, $180,000; and 19.4 mi. Highway 33, $645,000, both 18 ft. L. C. Cox, Canyon, co. engr.

Tex., Cold Springs — San Jacinto Co. making plans grading, bridging and gravel paving 18 mi. Cold Springs-Old Waverly Rd., 18 ft. $197,000. J. E. Johnson, Cold Springs, co. engr.

Tex., Crystal City—Election about Feb. 1, $40,000 bonds, paving various streets. Address Mayor.

Tex., Corsicana—Navarro Co. making plans Bates type rein.-con. paving 0.67 mi. Highway 31 across Trinity River bottoms, $30,000. W. McClendon, Corsicana, co. engr.

Tex., Crockett — Houston Co. making plans grading, bridging, etc., 8.5 mi. Highway 21, 26 ft. $52,000. F. J. Von Zuben, Crockett, co. engr.

Tex., Floydada—Floyd Co. plans election $500,000 bonds, improving 16 mi. Lee Highway on Highway 28. Address E. C. Nelson, Jr., Floydada, co. judge.

Tex., Gonzales — Gonzales Co. making plans bituminous macadam on sledged stone paving 10.88 mi. Highway 81, 18 ft. $150,000. J. G. Irby, Nixon, engr.

Tex., Huntsville—Walker Co. making plans grading, bridging, etc. 16 mi. Highway 19, 26 ft. $103,000. D. K. Caldwell, Huntsville, co. engr.

Tex., Jourdanton—Atascosa Co. making plans rock asphalt paving 4.633 mi. Highway 9-A, Pleasanton-Jourdanton Rd. $30,500. J. V. Curnette, Jourdanton, engr.

Tex., Leakey — Real Co. making plans macadam and crushed stone paving 18.07 mi. Highway 41, 18 ft. $66,000. S. K. Mason, Leakey, co. engr.

Tex., Matador—Motley Co. new election soon $200,000 bonds, improving 11 mi. Lee Highway on new Highway 28. Former election defeated. Address C. L. Glenn, Matador, judge. Noted Dec. 16.

Tex., McCamey — Plans paving various streets. $40,000 or more. Address L. Patterson, Rankin, judge.

Tex., Navasota — Grimes Co. making plans concrete and gravel surfacing 5.088 mi. Highway 90 from Navasota to Anderson. $96,000. O. A. Seward, Jr., Navasota, engr.

Tex., Olmito (mail Brownsville) — A. Parker Securities Co., Brownsville, making plans probably alternate types paving business and residential streets for new townsite, here. $450,000. Private plans. Noted Apr. 29, under "Unclassified"

Tex., Plainview—Hale Co. election soon $1,000,000 bonds, improving 26 mi. Lee Highway on Highway 28. Address M. F. Griffin, Plainview, engr.

Tex., Rockdale—Making plans permanent paving Main St. Election about Feb. 1, $125,000 bonds for same. Address Mayor.

Tex., San Angelo—See "Unclassified."

Streets and Roads (Continued)

Tex., **San Antonio** — Making plans extending and paving 2 blocks Bonham St. $45,000. I. Ewig, city engr. Property owners share expense.

Tex., **San Benito**—See "Unclassified."

Tex., **Vernon** — Wilbarger Co., voted $1,000,000 bonds hard paving 44 mi. main highway. Address J. V. Townsend, Vernon, judge. Noted Dec. 16.

Tex., **Victoria** — Victoria Co. making plans grading, bridging, etc. 14.96 mi. Highway 29, 26 ft. $95,000. J. Douglas, Victoria, resident engr.

Tex., **Wharton**—Wharton Co., making plans grading, bridging, etc 12.45 mi. Highway 12, from Jackson Co. line to El Campo, $62,000; also 14 mi. same road from El Campo to Wharton, $85,000, both 26 ft. J. M. Nagle, Wharton, engr.

Okla., **El Reno** — Canadian Co., election Feb. 28, $1,000,000 bonds, improving 75 mi. Primary Road System. J. M. Page, Capitol, Oklahoma City, highway engr. Noted Aug. 5.

Okla., **Oklahoma City** — Plans grading, curbing and sheet asphalt paving 5,775 sq. yd. Drexel, 12th and 21st Sts. $38,515. B. M. Hart, Court House, engr.

Okla., **Seminole**—Plans grading, curbing and concrete paving 11,370 sq.yd. Bway. and 2nd Sts. $47,400. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., **Tulsa** — Plans grading, curbing, guttering and concrete paving, etc., 6,600 sq.yd. Detroit St., $28,442; sheet asphalt paving 17,700 sq.yd. and concrete paving 2,600 sq.yd. Dists. 762 to 768, $77,390; sheet asphalt paving Woodward Blvd. and 29th St. $61,370, and 4th St. $47,000. C. Schultz, City Hall, engr.

Okla., **Watonga**—Blaine Co. making preliminary plans constructing 60 mi. primary road system. $60,000. J. M. Page, Capitol, Oklahoma City, highway engr.

Calif., **Los Angeles**—Bd. Supervs. Los Angeles Co. take bids about Feb. 18, grading and 9-7-7-9 in. concrete paving 244,091 sq.ft., and 8 in. concrete paving 28,643 sq. ft. Riverside Redondo Blvd. $79,908. G. W. Jones, Hall of Records, engr.

Calif., **Los Angeles**—Bd. Pub. Wks. takes bids about Mar. 18, curbing, guttering, sidewalks and paving, etc. Baltimore St. between Adams St. and Avenue 57. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., **Los Angeles**—Bd. Pub. Wks. takes bids about Feb. 14, curbing, guttering, sidewalks, and paving, etc. La Cienega Blvd., Fletcher Dr., Avenues 19 and 43, Norton and La Cienega Aves., and Chase, Dillon, Planada, 10th, and Bandera Sts. To exceed $100,000. J. C. Shaw, City Hall, engr.

Calif., **Palo Alto**—Plans probably concrete paving, surfacing and repaving various streets. To exceed $150,000. J. F. Bxybee, Jr., city engr.

Calif., **Santa Ana**—Orange Co. plans asphaltic concrete paving 10 mi. Acquisition and Impvt. Dist. 1. To exceed $250,000. J. L. McBride, Santa Ana, co. road comr.

Ont., **Niagara Falls** — Queen Victoria Park Comn. making plans constructing 5 mi. River Rd. from here, to Queenston. $100,000. A. Bond, c/o owner, engr.

Bids Desired

Mass., Scituate—Feb. 3, by Bd. Selectmen, sheet asphalt or bituminous macadam paving section highway. $25,000. Private plans.

N. Y., **New York**—Jan. 28, by J. Miller, pres. Manhattan Boro, Municipal Bldg., widening and sheet asphalt on concrete repaving 5th Ave. between 79th and 86th Sts.

Pa., **Harrisburg**—Feb. 2, by Bd. Pub. Wks., Bureau of Highways, H. A. Sherk, supt., improving Swatara St., 4,911 cu.yd. excav. and 13,763 cu.yd. embankment; Hale Ave., 11,481 cu.yd. excav. and 11,077 cu.yd. embankment; 13th St. 7,948 cu.yd. excav. and 5,120 cu.yd. embankment, etc.

Pa., **Pittsburgh**—Feb. 2, by C. C. McGovern, controller Allegheny Co., eliminating curve and constructing concrete base on 1,388 ft. Verona Rd. extension in Verona, 25 ft. $30,000. Dept. Pub. Wks., 519 Smithfield St., engrs.

Pa., **Waynesburg** — Feb. 5, by Road Supervs. Franklin Twp., Greene Co., grading and rein.-con. paving, 1,184 ft. 7th St. and Sherman Ave. in Bonar Addition, Franklin Twp., Sherman Ave. and 10th St. to Waynesburg boro line to connect with Race St. K. W. Scott, atty., Franklin Twp.

West Virginia — Feb. 8, by State Road Comn., Charleston, grading, etc. 4.6 mi. Henderson Rd., 16 ft. $36,000. E. B. Carskadon, secy.

W. Va., **Morgantown**—Feb. 8, by Monongalia Co. Court, J. M. Gregg, clk., grading and concrete paving 1 mi. Wadestown-Wetzel Co. line Rd., State Route 7, Project 3387.

North Carolina—Feb. 8, by State Hy. Comn., Raleigh, grading, concrete or asphalt paving 11.32 mi. Project 598, Rockingham Co. $295,600, 8.58 mi. Project 478, Wake Co. $232,600, 10.01 mi. Project 121, Currituck Co. $218,900, and 10.08 mi. Project 6780, Scotland Co. $247,800; clearing, grubbing and grading, etc. 9.23 mi. Project 285, Wayne Co. $40,442, and 6.84 mi. Project 393, Robeson Co. $33,700. L. R. Ames, Raleigh, engr.

Ala., **Alabama City**—Mar. 1, by City Clerk, 4 ft. sidewalks, curbing, guttering, etc. 10 blocks Sansom Ave. $30,000.

Ala., **Birmingham** — Feb. 20, by City Comn., J. W. Jones, Jr., pres., asphalt paving 25 blocks 11th St. W., Georgia Rd., 28th, 37th and 38th Aves. N., and concrete paving 11 blocks 28th and Magnolia Alleys, 20 ft. $109,680. A. J. Hawkins, city engr.

Miss., **Gulfport**—Feb. 8, by Harrison Co., 2 in. warrenite bitulithic or sheet asphalt on 5 in. concrete paving 8,200 ft. East Howard Ave., 18 to 42 ft.; also 500 ft. river bank protection work and 526 ft. creosoted timber bridges. W. S. Hawkins, Gulfport, engr.

Louisiana—Feb. 24, by State Hy. Comn., Baton Rouge, graveling 13.995 mi. Leesville-Alexander Highway, Federal Aid Project 157B, Rapides Parish. W. B. Roberts, Reymond Bldg., Baton Rouge, highway engr.

Tenn., **Dyersburg**—Feb. 5, by Mayor and Aldermen, grading, curbing, guttering and 6 in. concrete paving 6,600 sq.yd. Bway. Ave. and College St. F. W. Latta, mayor. Noted Nov. 18.

Tenn., **McKenzie** — Feb. 21, by H. C. Bryant, city clk., grading, curbing, guttering and paving 86,100 sq.yd. various streets. $250,000. Alternate bids on various types paving. Long & Co., 528 Bennie Dillon Bldg., Nashville, and 1300 Colcord Bldg., Oklahoma City, Okla., engrs. Noted Dec. 30.

O., **Akron**—Feb. 7, by W. F. Peters, dir. Pub. Serv., grading, curbing, and vitr. brick paving, etc. 2,950 sq.yd. North Bway., $26,700, 5,560 sq.yd. Crouse St. $40,000, 3,500 sq.yd. Dayton St. $20,200, and 1,655 sq.yd. Martin Ave. $11,500. E. A. Kemmler, Municipal Bldg., engr. Noted Sept. 23.

O., **Cincinnati**—Jan. 31, by Director Pub. Serv., curbing, sidewalks and granite block repaving 5,200 sq.yd. Vine St. $39,639. C. O. Sherrill, City Hall, engr. Noted Dec. 13.

Wis., **Madison**—Feb. 3, by J. R. Caldwell, highway comr. Dane Co., **(C. J. means County Job, C. T. H. means County Trunk Highway and S. T. H. means State Trunk Highway)**, grading and concrete paving 64,372 sq.yd. C. J. 201, S. T. H. 12, and 132,902 sq.yd. C. J. 200, S. T. H. 10; grading and graveling, etc. 6 mi. C. J. S. G. M. 1, S. T. H. 41, 4 mi. C. J. S. G. M. 2, S. T. H. 113, 2 mi. C. J. S. G. M. 3, 1.4 mi. C. J. S. G. M. 5, S. T. H. 12, 4.6 mi. C. J. S. G. M. 6, S. T. H. 138, 4 mi. C. J. S. G. M. 7, S. T. H. 81 and 12, 6 mi. C. J. S. G. M. 8, C. T. H. N, S. T. H. 30 and 73, 1,400 cu.yd. C. J. S. G. M. 9, S. T. Hs. 92 and 31, Belleville village, 500 cu.yd. C. J. C. G. M. 2, C. T. H. N, Town of Albion, 7.2 mi. C. J. C. G. M. 3, C. T. H. A, towns of Albion and Dunkirk, 800 cu.yd. C. J. C. G. M. 4, C. T. H. B, town of Dunkirk, 2 mi. C. J. C. G. M. 5, S. T. H. 106, 2.5 mi. C. J. C. G. M. 6, C. T. H. M, town of Oregon, 6.5 mi. C. J. C. G. M. 7, C. T. H. S. and M. towns of Madison and Middleton, 2,950 cu.yd. C. J. 164-27, town of Springdale, 2.21 mi. C. J. D. 150-08 town of Christiana, and 2.07 mi. C. J. D. 152-12, town of Deerfield, Jobs D 150-08 and D 152-12 to be let to one contractor.

Ia., **Ft. Madison**—Feb. 10, by Auditor Lee Co., improving 10.92 mi. Coleman Road Project from Hillsboro (Henry Co.) south and east, 89,187 cu.yd. excav., 58,440 sta.yd. overhaul, 1,200 ft. culvert labor, 3,685 ft. tile drains, etc. M. F. McFarland, Ft. Madison, co. engr.

Minn., **New Ulm**—Feb. 3, by W. Backer, city clk., grading and paving, etc., approximately 9,451 sq.yd. various streets. $28,000. F. D. Minium, city engr. Noted Jan. 13.

Kan., **Lincoln**—Feb. 3 (extended date), by Clerk Lincoln Co., grading, bridges, etc., 3.872 mi. Federal Aid Project 362-A. Noted Jan. 13.

Neb., **Omaha**—J. P. Hoctor, city clk., taking bids asphalt, stone, vitr. brick, brick block, art stone, macadam, creosoted wood block or asphaltic concrete paving Dist. 3136, 54th St. between Pacific and Popplеton Aves.; Dist. 3137, Corby St. between Miami and Lake Sts., Corby St. between 52nd and 56th Sts., Grant St. between County Club Ave. and 56th St., 53rd St. between Blondo and Corby Sts., Country Club St. between 52nd and Military Sts.; Dist. 3138, Grant St. between 51st and 52nd Sts., Burdette St. between 51st St. and Country Club Ave., Parker Ave. between 50th and 52nd Sts., 51st St. between Charles and Blondo Sts., Decatur St. between 50th and 52nd Sts.; and Dist. 3135, Pierce St between 51st and 52nd Sts. H. Beal, City Hall, engr.

Tex., **Ft. Worth**—Feb. 1, by D. L. Lewis, city engr., paving Burnet, 7th Sts., etc.

Tex., **Luling**—Feb. 21, by City Comn., grading, curbing, guttering, Warrenite-bitulithic, 1½ in. cold mix Uvalde rock asphalt, or 2 in. hot mix Uvalde rock asphalt on 10 in. gravel or crushed stone, or concrete paving or 1 course rein.-con. paving 25,746 sq. yd. various streets. $50,000 S. H. Burchard, Gonzales, engr.

Tex., **San Antonio**—Feb. 3, by A. McCloskey, Judge Bexar Co., natural limestone rock asphalt topping 1.15 mi. South Flores Rd. W. S. Kendall, co. aud.

Colorado—Feb. 1, State Hy. Dept., Denver, sand clay surfacing, etc., 5.313 mi. Federal Aid Project 134-A, Constr. Div. 2, Kit Carson Co.; and gravel surfacing, etc., 3.013 mi. Federal Aid Project 254-D, Grand Co. L. D. Blauvelt, Denver, engr.

Calif., **Los Angeles**—Feb. 7, by Supervs. Los Angeles Co., grading and 8 x 6 x 6 x 8 in. concrete paving 595,011 sq.ft. and 8 in. concrete paving 61,475 sq.ft. 1st St., Rd. Dist. Impvt. 295. To exceed $175,000. G. Jones, Hall of Records, engr.

Calif., **Los Angeles** — Feb. 7, by Bd. Supervs. Los Angeles Co., decomposed granite, oil and rock surfacing 19,800 sq.ft. 1st St. (Artesia), $184,468; also 1,085,207 sq.yd. Lancaster Wilsonia Rd., $130,224. G. W. Jones, Hall of Records, engr.

Calif., **Sacramento**—Supervs. Sacramento Co. taking bids vibrolithic concrete paving 9 mi. and asphaltic concrete paving 2 mi. Joint Highway Dist. from Rio Vista Bridge to Antioch Bridge. C. Deterding, Courthouse, co. engr.

Calif., **San Diego** — Feb. 7, by A. H. Wright, city clk., grading, curbing, sidewalks, 5 in. concrete paving, etc., 653,638 sq.ft. Dolphin Pl., etc. F. A. Rhodes, city engr.

Ont., **Hamilton** — See "Contracts Awarded."

Bids Received

N. Y., **Long Island City**—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Jan. 20, from C. Bennett Impvt. Co., 465 Fenimore St., Brooklyn, repairing and sewers in Nassau Blvd., $262,003; from O'Brien & Kurth, Inc., 8625 13th St., Jamaica, grading and sidewalks on 7th Ave. $2,586, and from Welsh Bros. Contg. Co., 14 Queens St., 74th St. $2,014, from W. J. Fitzgerald, 713 Vernon Ave., Archer Ave. $10,103, 73rd St. $14,005, and Crescent St. $6,002. Noted Jan. 13.

N. J., **Merchantville** (Ind. br. Camden)—City Council, Jan. 10, grading, curbing and concrete paving 17,520 sq.yd. various streets, from Fish-Rutherford Co., Real Estate Trust Bldg., Phila., Pa., $60,313. Noted Jan. 6.

N. J., **Newfoundland**—West Milford Twp. Com., Town Hall, bituminous macadam repaving portion Union Valley Rd., from Winston Co., Stockholm, $49,855. Noted Jan. 13.

O., **Lisbon**—Comrs. Columbiana Co., Jan. 17, improving Salineville-Summitville Rd., from Holmes Constr. Co., Wooster, limestone $107,806, gravel $105,125, or slag $103,337. Engrs. est. $105,000. Noted Jan. 13.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, from E. Berns Co., 3048 North Illinois St., Indianapolis, Ind., concrete paving 0.94 mi. Route 2, Sect. 49, De Witt Co. $20,582, from V. O. Conner, Newton, 0.99 mi. Route 49, Sect. 108, Jasper Co. $23,803, from F. C. Feutz Co., Rochester, Ind., 4.41 mi. Route 59, Sect. 105, Lake Co. $107,010, from Kerr & Murphy, Bloomington, Ind., 6.12 mi. Route 83, Sect. 124, Mercer Co. $122,679, and 6.21 mi. Route 168, Sect. 114, Fulton Co. $134,999, from W. O'Neil & Sons, Fairbault, Minn., 10.12 mi. Route 95, Sect. 119, McDonough Co. $202,613, from Cameron-Joyce Co., Keokuk, Ia., 6.13 mi. Route 116, Sect. 104, Woodford Co. $134,233, and 4.02 mi. Route 96, Sect. 127, Adams Co. $90,180, from Rans Eng. Co., Cape Girardeau, Mo., 8.32 mi. Route 89, Sect. 101, Lee Co. $166,733, from McMahon Constr. Co., Rochester, Ind., 5.75 mi. Sect. 101, 0.55 mi. Sect. 101-D, 6.03 mi. Sect. 102, 0.53 mi. Sect. 102-D, 5.98 mi. Sect. 103, and 0.61 mi. Sect. 103-D, all Route 115, Kankakee Co. $289,900, and 8.01 mi. Route 116, Sect. 112, Livingston Co. $148,184, from Reganhardt Constr. Co., Cape Girardeau, Mo., 6.04 mi. Route 115, Sect. 104, Kankakee and Ford Counties $125,674, 7.71 mi. Route 115, Sect. 106, $146,553, from Casey Constr. Co., Casey, 4.77 mi. Route 127, Sect. 173, Clinton Co. $91,914, from Ransom & Sherwood, Palestine, 2.05 mi. Route 140, Sect. 108, White Co. $44,761, from La Rich Constr. Co., 1530 Winstanley St., East St.

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Streets and Roads (Continued)

Louis, 2.64 mi. Route 157, Sect. 119, St. Clair Co. $67,245, from D. E. Alumbaugh, Sullivan, Ind., 1.53 mi. Route 135, Sect. 101, $28,136, 0.74 mi. Route 136, Sect. 104 $17,-047, both Crawford Co.; from Wabash Constr. Co., Vincennes, Ind., 2.75 mi. Route 137, Sect. 101, Lawrence Co. $56,044; from M. Lough & Sons, Marion, 3.23 mi. Route 150, Sect. 117, 0.8 mi. Route 151, Sect. 110, 4.62 mi. Route 151, Sect. 111, all Randolph Co. $182,569, from P. O'Leary & Sons, Terre Haute, Ind., 6.85 mi. Route 121, Sect. 105, Tazewell Co. $91,426, from Henkel Constr. Co., Mason City, Ia., 7.52 mi. Route 162, Sect. 101, 5.49 mi. Route 162, Sect. 102 also one 30 ft. span concrete slab bridge and one 45 ft. span and one 50 ft. span concrete girder bridge on Route 162, Sect. 101-B, Bureau Co. $254,000; from W. L. Dunston, Marion, grading 3.83 mi. Route 150, Sect. 118-A, Randolph Co. $32,037, 2.81 mi. Route 151, Sect. 110-A, Randolph Co. $28,351, from Dees Bros., Oblong, 4.68 mi. Route 96, Sect. 126-A, Adams Co. $40,757, from S. J. Groves & Sons Co., 306 Globe Bldg., Minneapolis, Minn., 2.84 mi. Route 168, Sect. 115, Fulton Co. $48,024, 4.67 mi. Route 116, Sect. 102-A, Tazewell Co., and 2.77 mi. Route 116, Sect. 103-A, Woodward Co. $80,799, also 9.74 mi. Route 74, Sect. 101-A, Stephenson Co. $162,498, and from Cameron-Joyce Co., Keokuk, Ia., 0.91 mi. Route 175, Sect. 104-A, Peoria Co. $14,249. Noted Jan. 6.

Tex., Panhandle—L. O. Cox, engr. Carson Co., Panhandle, Jan. 11, grading, bridging 20.445 mi. Highway 117, State Aid Project 713, 26 ft., from H. C. Lallier Constr. Co., Continental Trust Bldg., Denver, Colo., $70,435. Engrs. est. $89,000. Noted Dec. 30.

Wash., Seattle—Bd. Pub. Wks., Jan. 7, grading and concrete paving, etc. West 54th St. et al., from R. G. Stevenson, 1237 Northlake Ave., $136,950, and alternate concrete pipe $136,275.

Wash., Seattle—Bd. Pub. Wks., Jan. 7, concrete paving 3,179 sq.yd. West Spokane St.; and retaining wall at 29th Ave. S. W., from G. Nelson, Thompson Bldg., $25,377.

Calif., San Diego—Common Council, Jan. 10, from B. Noble, Spreckels Bldg., improving Playa del Sur, Electric Ave., etc., 21,-548 sq.ft. concrete sidewalk at $0.19 per sq.ft., 6,597 lin.ft. concrete curbing $0.58, 225,946 sq.ft. 5 in. concrete paving $0.175, and 17,000 sq.ft. 5 in. rein.-con. paving, etc. $0.22, etc., total $61,857. Noted Dec. 30.

Calif., Santa Monica—Improving Main St. from Hollister St., to southwest city limits, from Kneen Paving Co., Dudley Bldg., $145,985.

Calif., San Francisco — From Federal Constr. Co., Call Bldg., improving Vermont St., 8,575 cu.yd. excav. at $0.65 per cu.yd., 13,974 sq.ft. asphalt paving $0.27, etc., total $35,729.

Contracts Awarded

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, etc., Fosdick Ave., to O'Brien & Kurth, Inc., 8525 137th St., Jamaica, $4,153, and 98th St. to Welsh Bros. Contg. Co., 14 Queens St., $9,198; grading and sheet asphalt paving Beach 117th St. to Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, $19,870, Steuben St. to Sicilian Asphalt Paving Co., 41 Park Row, New York City, $13,950, 95th and 98th Sts., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $11,570 and $24,210 respectively; asphalt block paving Hancock St. to Carberry Block Corp., 186 Remsen St., Brooklyn, $26,398. Grand total $109,349. Noted Jan. 20.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., to F. Gabrielle, 2750 Creston Ave., grading, curbing, guttering, sidewalks, Holland Ave. $2,653, Perry Ave. $4,585, and Astor Ave. $14,863; to Gramaglia Bros., 48 East Kingsbridge Rd., Leland Ave. $7,187; to Carroll & Rice, 204 East 45th St., Perry Ave. $54,615; to I. F. Cavaluzzo, 1300 Cromwell Ave., Carroll Pl. $12,160, and Yates Ave. $4,780; to C. Turiano Contg. Co., 1911 Coddington Ave., Cruger Ave. $15,945; to L. Di Minna, 2336 Lorrilard Pl., Metcalf Ave. $10,187, and Sands Pl. $7,681. Grand total $134,656. Noted Jan. 20.

New Jersey—State Hy. Comn., Trenton, grading, bridging, granite block and asphalt paving Sect. 3, Route 1 extension, between Oakland and Larch Aves., Jersey City, to Montrose Contr. Co., Grand Central Palace, New York City, $3,244,951. Noted Jan. 20.

Pennsylvania—State Hy. Dept., Harrisburg, one course rein.-con. paving Project 240-B, Monroe Co., to B. G. Coon Constr. Co., 274 Union St., Luzerne, $104,844. Noted Jan. 13.

Alabama—State Hy. Dept., Montgomery, (**F.A.P. means Federal Aid Project and S.A.P. means State Aid Project**), improving 16.5 mi. Centerville-Wilton Rd., F.A.P. 176, Bibb Co., to Newell Constr. Co., 3828 Avenue A, Birmingham $163,680, 2 mi. Loxley-Florida State line Rd., F.A.P. 184-A, Baldwin Co., to J. J. McCarthy, Birmingham $34,742, 8.135 mi. Wetumpke-Good Water Rd., F.A.P. 183, Coosa Co. and 16.3 mi. Marion-Bibb Co. line Rd., F.A.P. 175-B, Perry Co., to A. H. Singer, Lafayette $59,495 and $170,932 respectively, 9.77 mi. Vernon-Sulligent Rd., F.A.P. 174, Lamar Co., to Nixon & Phillips, Lineville $62,160, 5 mi. Butler Rd., F.A.P. 186, Choctaw Co., to S. C. Taylor, Gadsden $96,875, 3.481 mi. Valley Head-Mentone Rd., F.A.P. 181, De Kalb Co., to W. E. Harthmer, Valley Head $73,341, 1.665 mi. Marion Rd., F.A.P. 175-A, Perry Co., to P. A. Goldsmith, Montgomery $56,952, 10.076 mi. Banks-Bullock Co. line Rd., S.A.P. 134, Pike Co. and 8.21 mi. Tuscaloosa-Birmingham Rd., F.A.P. 185, Tuscaloosa Co., to W. J. Bryson Paving Co., 239 West Adams St., Jacksonville, Fla., $43,336, and 190,726 respectively; 4.61 mi. Tuscaloosa-Birmingham Rd., F.A.P. 180, Bibb and Tuscaloosa Counties, to L. P. Stagg, 1516 California Ave., Bessemer $28,-823, sand rock asphalt paving 35,000 sq.yd. various streets in town of Russellville, Franklin Co., to Hodgson & Jones, Montgomery, $26,900. Grand total $1,007,962. Noted Jan. 6. Withdrew project improving 6.2 mi. Seale-Girard Rd., Russell Co.

Miss., Biloxi—Asphaltic concrete paving 10,951 sq.yd., and sheet asphalt paving 3,974 sq.yd. various streets, incl. 4,194 ft. 12- to 36-in. sewer pipe, etc., to Southern Paving Co., Gulfport; and 13,776 sq.yd. 4 and 6 in. watermains, 52 gate valves, 53 tees, 24 sleeves, 28 fire hydrants, etc., to S. A. Carmes, Biloxi. Noted Nov. 25.

Miss., Gulfport—Harrison Co. 2 in. warranite on 5 in. concrete surfacing, etc. 7,400 ft. Biloxi-Ocean Springs Rd., to Southern Paving Constr. Co., Volunteer Life Bldg., Chattanooga, Tenn., $44,625; widening and 3 in. asphalt on concrete re-surfacing portion East Beach Rd., and 3 in. sheet asphalt on concrete surfacing portion 28th St., to Baird-Eller Constr. Co., Nichol Bldg., Nashville, Tenn., $72,332 and $26,496 respectively; concrete paving 2,300 ft. West Beach Rd. in Pass Christian, to C. F. Lytle & Co., 504 Nebraska St., Sioux City, Ia., $13,523. Grand total $156,986. Noted Jan. 6.

Miss., Ocean Springs—Jackson Co., curbing, guttering, sewers and 7 in. rein.-con. paving 23,600 sq.yd. County Project, to Hartman & Clark Bros. Co., 330 Peoria Life Bldg., Peoria, Ill., $57,630.

La., Cedar Grove—Grading, curbing and paving 70th St. from Atkins to Linwood Aves., to Flenniken Constr. Co., Shreveport, $21,803.

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, concrete paving 10.754 mi. Federal Aid 77, Sects. A and B, State Rd. 30, Porter and Laporte Counties, to Indiana Road Paving Co., Rochester, $211,-228; and 4,792 mi. S-502, Sect. A, State Rd. 67, Morgan, Martin and Hendricks Counties, to E. V. Bergen, Franklin $111,372, engrs. est. $120,952. Noted Jan. 6.

Ill., Galesburg—Bd. Local Impvts., grading, curbing, guttering and vertical fibre brick on concrete paving, etc., 6,180 sq.yd. South Henderson St., to Graham-King Constr. Co., 550 South Cedar St., $25,198. Engrs. est. $25,415. Noted Jan. 6.

Ia., Iowa City—Johnson Co., grading, 7 in. concrete paving, etc., 153,485 sq.yd. Federal Aid Project 9 and 296, to Harrison Eng. & Constr. Co., 506 Mutual Bldg., Kansas City, Mo., $378,479. Noted Jan. 13.

Kan., Wichita — Sedgwick Co., grading and concrete paving 2.586 mi. Federal Aid Project 326-A, to Stewart & Ritchie, Wichita, $76,175. Noted Dec. 23.

Neb., Lyons—G. Buckley, village clk., curbing, guttering and brick paving 21,150 yd. various streets in Dist. 2, to J. Kerns Constr. Co., 210 Bankers Life Bldg., Omaha, $78,500. Noted Dec. 30.

N. D., Bismarck—Burleigh Co., grading, etc., 13.986 mi. Bismarck-Wilton Rd., State Route 6, to Stevens Bros., 612 Endicott Bldg., St. Paul, Minn., $43,798. Noted Jan. 13.

Mo., St. Joseph—Constructing Northwest Extension Blvd. between Krug Park and Corby Grove, thence to Ashland Ave., to M. Haase, 2823 Sacramento St. $27,750. Noted Jan. 13.

Tex., Decatur—Wise Co., high type surfacing approximately 14 mi. Highway 50, to Plains Paving Co., Wichita Falls, approximately $115,000.

Tex., Montague — Montague Co., high type paving 11 mi. various roads, to Plains Paving Co., Wichita Falls, approximately $90,000.

Tex., Harlingen—Permanent paving 25 blocks streets in business and residential districts, to F. P. McElwrath, Harlingen, approximately $75,000.

Tex., Lubbock—Paving 63,000 sq.yd. various streets, to Panhandle Constr. Co., Lubbock, approximately $160,000. Noted Jan. 6.

Okla., Oklahoma City—Widening 7 blocks West 4th St., 10 and 26 ft., to M. A. Swatek, 519½ West Main St., $61,479. Engrs. est. $65,000. Noted Jan. 6.

Okla., Stillwater—Grading, concrete paving, etc., 9,180 sq.yd. Hester St., Paving Dist. 50, to T. Gudgel, Stillwater. Engrs. est. $29,740. Noted May 13.

New Mexico—State Hy. Comn., at office E. T. Mallery, state highway engr., Santa Fe, (**F.A.P. means Federal Aid Project**), graveling 10.355 mi. F.A.P. 146-C, McKinley and San Juan Counties, to Mt. States Constr. Co., Gallup, $74,766; 9.507 mi. F.A.P. 146-C, McKinley Co., and 9.074 mi. Gallup-Shiprock Highway, San Juan Co., to G. W. Orr, Clint, Tex., $71,298 and $71,729 respectively; 9.266 mi. F.A.P. 147-E, to Salle Constr. Co., Pueblo, Colo. $136,608, 10.303 mi. F.A.P. 147-C, Schedule 2, and 10.012 mi. same project Schedule 3, to Tobin & Maloney, Madison, S. D., $103,-922 and $105,399 respectively, all foregoing San Juan Co. Grand total $487,749. Noted Jan. 13.

Wash., Seattle—Bd. Pub. Wks., paving West Republican St. et al., to J. B. Covello, 1510 16th St. S., $115,214. Noted Jan. 13.

Calif., Alameda—Grading, concrete curbing, walks and paving, etc., portions 5th St. between Flower and 6th Sts., to L. L. Page, 728 Bissel Ave., Richmond, approximately $26,500.

Calif., Alhambra — Grading, curbing, walks, etc. on 6th St., Glendon Way, etc., to Hall-Johnson Co., 905 Westminster St., $25,745.

Calif., Culver City—Grading and vibrolithic concrete paving, etc., Midway St. etc., to R. Averill, 6141 Warner Dr., Los Angeles, $45,638. Noted Jan. 13.

Calif., Huntington Park—Guttering, curbing, walks and 8 in. asphalt paving, etc. 405,331 sq.ft. Slausson Ave., etc., to Los Angeles Paving Co., 3200 East Vernon Ave., Los Angeles, $105,270. Noted Jan. 13.

Calif., Los Angeles—Improving Pacioma Ave., to Spencer & Holt, Inc., 402 Frost Bldg., $251,736. Engrs. est. $276,790.

Calif., Los Angeles—Improving Windsor Blvd., to W. Liddington, 420 East 60th St., $92,409. Engrs. est. $100,098.

Calif., Los Angeles—Bd. Pub. Wks., concrete paving, etc. Windsor Blvd. and 82nd St., to W. Liddington, 420 East 60th St., $92,410 and $41,419 respectively, Mansfield Ave., to B. Bosco, 3751 Eastern Ave. $25,-706, and McDonald Ave., to Griffith Co., Railway Bldg. $539,489; asphaltic concrete paving, etc. Reseda Ave., to Gibbons & Reed, 2022 Glendale Ave., $25,495; concrete and asphaltic concrete paving, etc. Western and Gulf Aves., to Curtis Paving Co., 2440 East 26th St., $41,997 and $41,-657 respectively, K St., to Johnson & Sons, $280,519 5th St., to W. Warne, Transportation Bldg. $50,145, 110th St., to G. H. Oswald, 366 East 58th St. $85,873, and Pacoima Ave., to Spencer & Holt, Frost Bldg. $251,736. Grand total $1,476,446. Noted Jan. 13.

Calif., San Anselmo—Curbing, guttering, concrete and asphaltic concrete paving, etc. portions Sycamore and Merced Aves., etc., to Pacific States Constr. Co., Call Bldg., San Francisco, $27,375. Noted Jan. 13.

Calif., San Diego—Common Council, concrete curbing, sidewalks, etc. on 1,791 sq.ft. N., 17th and 18th Sts., etc., to B. Noble, Spreckels Bldg., $57,933. Noted Jan. 13.

Calif., Santa Cruz — Grading, hydrated concrete paving, etc., portions Mountain View Ave., Paloma and Logan Sts., etc., to Keystone Constr. Co., 729 Brannan St., San Francisco, $44,315. Noted Jan. 13.

Calif., Santa Monica—Comn. Pub. Wks., grading, lighting system and asphalt paving, etc., Main St. between Hollister Ave. and southeast city limits, to Kneen Paving Co., Dudley Blk., $145,986. Noted Nov. 25.

Ont., Hamilton—Council will pave with concrete Beach Rd., by day labor under direction W. C. McFaul, city engr. $70,000. Noted Jan. 28, 1926.

Cuba—Dept. Pub. Wks., Havana, has not signed contract improving 750 mi. Central Highway, here. This corrects report in Jan. 13 issue.

Buildings — Commercial

Proposed Work

Me., Hallowell—INFIRMARY—State of Maine, c/o E. S. Coombs, archt., 11 Lisbon St., Lewiston, having new plans prepared 2 story and basement, brick infirmary, here. $150,000.

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Buildings—Commercial (Continued)

Vt., Burlington — ARMORY — State of Vermont, J. W. Weeks, governor, State House, plans armory. To exceed $150,000. Engineer and architect not selected.

Vt., Lyndonville—HOTEL—H. M. Smith, Realty Bldg., plans hotel, Depot St. To exceed $150,000. Engineer and architect not selected.

Vt., Northfield—ARMORY—State of Vermont, H. T. Johnson, adj. genl., plans armory. $150,000. Engineer and architect not selected.

Mass., Boston—APARTMENT—Beacon & Hereford Realty Co., T. D. Kennedy, 8 Treny St., Arlington, having revised plans prepared by G. N. Jacobs, 9 Bosworth St., 6 story and basement, 35 x 90 ft., brick and stone, plain foundation, Beacon and Hereford Sts. $400,000. Noted Dec. 16.

Mass., Boston — HOSPITAL — Massachusetts General Hospital, Fruit St., having plans prepared by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., 11 story and basement, 45 x 150 ft., brick and steel, concrete foundation. $1,000,000.

Mass., Boston—OFFICE and LOFT—M. C. Burton, 1 Federal St., having sketches made by Blackall, Clapp & Whittemore, 31 West St., 15 story and basement, 24,000 sq. ft. floor space, brick and steel, Broad St. $1,500,000.

Mass., Boston—Y. M. C. U., 48 Boylston St., plans building, Park Sq., Elliot and Carver Sts. To exceed $150,000. Engineer and architect not selected.

Mass., Boston—Y. W. C. A., 37½ Beacon St., having sketches made by Shepard & Stearns, 65 Franklin St., 10 story and basement, 90 x 100 ft., brick, steel and lime-stone, caisson foundation, incl. swimming pool, and gymnasium, Stuart and Clarendon Sts. $1,000,000.

Mass., Cambridge (Boston P. O.)—APARTMENT—J. L. Cotter, 580 Massachusetts Ave., having plans prepared by H. Harlow, 4 Brattle St., 4 story and basement, 85 x 115 ft., brick and stone, plain foundation, Avon and Martin Sts. $175,000.

Mass., Chatham—HOTEL—Chatham Associates, c/o E. S. Read, archt., 177 State St., Boston, having plans prepared altering and constructing hotel addition. $150,000.

Mass., Easthampton — THEATRE — S. Rapalus, c/o Majestic Theatre, Cottage St., plans 1 story and basement, brick and steel, Union St. $150,000. Engineer and architect not selected.

Mass., Falmouth — FIRE STATION — Town, c/o C. P. Hoyt, archt., 8 Beacon St., Boston, having sketches made 2 story and basement, brick fire station. $150,000.

Mass., Mattapan (sta. Boston)—HOSPITAL and SCHOOL—Prendergast Preventorium, G. Hill, 295 Beacon St., having sketches made by J. P. Loud, 9 Park St., Boston, 3 story and basement, brick addition, plain foundation, 100 Harvard St. $150,000.

Mass., North Attleboro — TEMPLE — Bristol Lodge Masons, J. L. Thompson, chn., having plans prepared by Hutchins & French, 11 Beacon St., Boston, temple, South Washington St. $150,000 or more.

Mass., Norwood — MUNICIPAL — Town, c/o W. G. Upham, archt., having revised plans prepared 2 story and basement, brick and stone, plain foundation, West, Matahan and Market Sts. $275,000. Former bids rejected. Noted Jan. 20.

Mass., Revere — STORE and APARTMENT — Owner, c/o W. W. Drummey, archt., 80 Boylston St., Boston, having sketches made 3 or 4 story, brick and stone, plain foundation, Revere Ave. $150,000.

Mass., Scituate—BANK—Rockland Trust Co., H. T. Fogg, 286 Main St., Rockland, plans 1 story and basement, rein.-con. and brick, Front St. $150,000. Engineer and architect not selected.

Mass., Springfield — COURT HOUSE — Hampden Co. having plans prepared by E. C. and G. C. Gardner, 33 Lyman St., court house. $700,000.

R. I., Providence—HALL of RECORDS—City, Mayor's Office, plans hall of records building. To exceed $150,000. T. J. H. Pierce, city engr.

R. I., Providence — TERMINAL — Providence Wholesale Food Terminal, c/o T. J. H. Pierce, Inc., archts., 275 Washington Ave., having preliminary plans prepared produce terminal, Allen Ave. $150,000 or more.

Conn., Bridgeport—ASYLUM—State Institution, S. L. Pierrepont, State House, Hartford, plans large insane asylum. To exceed $1,000,000. Engineer and architect not selected.

Conn., Farmington — HOSPITAL—Farmington Memorial Hospital, S. P. Mills, plans brick and steel memorial hospital. $150,000 or more. Engineer and architect not selected.

Conn., New Haven—ARMORY—State of Connecticut, Military Dept., State House, Hartford, plans state armory, here. $800,000. Engineer and architect not selected.

Conn., Willimantic—HOSPITAL, etc.—Mayor, A. Galtes, chn., plans 100 bed fireproof hospital, $349,000, and 50 person capacity nurses home, $95,000.

N. Y., Albany—APARTMENT—Pearl Investing Co., R. B. Tarsey, pres., plans 4 story apartment, 325-329 Hamilton St. $180,000.

N. Y., Brooklyn—ARENA and OFFICE—H. Fugazy & H. W. Lang, 188 Montague St., having plans prepared by P. B. LaValle, 505 5th Ave., New York City, 40 story, brick, steel and stone, plain foundation, DeKalb and Lafayette Aves., Navy and Hudson Sts. $6,000,000. Noted Jan. 20.

N. Y., New York — APARTMENT — M. Houtman, c/o I. L. Crausman, archt., 370 East 149th St., having plans prepared 6 story, brick, steel and stone, plain foundation, Townsend Ave. and 175th St. $250,000.

N. Y., New York—APARTMENT—Crotona Constr. Co., c/o C. Kreymborg & Son, archts., 2534 Marion Ave., having plans prepared two 6 story, brick, steel and stone, plain foundations, Crotona Parkway. $215,000.

N. Y., New York—APARTMENT—Irons & Hoover, Inc., 101 Park Ave., soon takes bids 15 story, brick, steel and stone, plain foundation, 442 East 57th St. $700,000. Rouse & Goldstone, 512 5th Ave., archts.

N. Y., New York—BANK and OFFICE—Central Union Trust Co., 80 Bway., having plans prepared by Cross & Cross, 385 Madison Ave., 43 story, 107 x 112 x 135 ft., brick, steel and stone, plain foundation, Bway. and Wall St. $12,000,000. Noted Oct. 21.

N. Y., New York—STORE and OFFICE—Owner, c/o M. Zipkes, archt., 25 West 43rd St., having plans prepared 16 story, brick, steel and stone, plain foundation, 222 East 34th St. $800,000.

N. J., Camden—BANK—First Natl. Bank of Camden, F. M. Archer, pres., 2 Market St., plans 90 x 180 ft. bank, Bway. and Cooper St. Engineer and architect not selected.

N. J., Millville—THEATRE—Owner, c/o T. E. Ash, archt., 1700 Walnut St., Phila., Pa., having plans prepared theatre, 2,000 seating capacity, here.

N. J., Montclair — HOSPITAL — Glen Ridge Hospital having preliminary plans prepared by York & Sawyer, archts., 100 East 42nd St., New York City, N. Y., brick, steel and stone, plain foundation, Glen Ridge Ave. $500,000.

N. J., Newark—THEATRE—W. Fox, 850 10th Ave., New York City, soon takes bids brick, steel and stone, plain foundation, Broad St. $200,000. T. W. Lamb, 644 8th Ave., New York City, archt. W. Lehman, 927 Broad St., associated archt. Noted Nov. 11.

Pa., New Castle — HOSPITAL and NURSES HOME—Jameson Memorial Hospital having plans prepared by W. G. Eckles Co., New Castle, brick and stone hospital and nurses home. $500,000.

Pa., Phila.—APARTMENT—Rittenhouse Plaza, 1905 Walnut St., having plans prepared by R. Benckert, Bellvue Court Bldg., 3 story and basement, 19 x 120 ft., rein.-con., brick and steel addition.

Pa., Phila.—CLUB—Phila. Club c/o S. P. Hutchinson, pres., 13th and Walnut Sts., purchased site and plans 4 story and basement, 40 x 100 ft., rein.-con., brick and steel, plain foundation, 18th and Parkway Sts.

Pa., Phila. — COUNCIL HEADQUARTERS—Hoffman-Henon Co., archts., Finance Bldg., soon lets contract 1 story (50 ft. high) and basement, 36 x 146 ft., rein.-con., brick and steel, plain foundation, 2009 Spruce St., for Knights of Columbus, c/o W. Rooney, 1529 South 24th St. Noted Dec. 16.

Md., Baltimore—HOSPITAL—John Hopkins Hospital (Wilmer Institute) Wolfe and Monument Sts., having plans prepared by J. E. Sperry, Calvert Bldg., 4 story, brick and steel addition, plain foundation, Wolfe and Monument Sts. $400,000. H. F. Doelman, 516 North Charles st., engr.

N. C., Asheville—COURT HOUSE—Buncombe Co. takes bids about Mar. 1, 14 story, 120 x 130 ft., granite, steel limestone, and marble Courthouse. $1,250,000. Milburn, Heister & Co. Union Savings Bank Bldg., Wash., D. C. and Durham, archts.

Ala., Birmingham — HOSPITAL — Hillman Hospital, 620 South 20th St., having plans prepared by H. B. Wheelock, Steiner Bldg., hospital addition. $500,000. This corrects report in Jan. 13 issue.

La., Lake Charles—HOTEL—Local Syndicate, c/o R. S. Cook, archt., Frank Bldg., having preliminary plans prepared rein.-con., brick and steel hotel. $600,000.

Tennessee—ARMORY—State of Tennessee, W. C. Boyd, adj. genl., State Capitol, Nashville, plans state armory probably in Nashville for state militia. $200,000.

Tenn., Knoxville—ELKS HOME—[illegible] P. O. E., State St., having plans prepared by Bauman & Bauman, Market St., 6 story, 100 x 100 ft., concrete, plain foundation, Hill and Gay Sts. $250,000. Noted Mar. 4.

Tenn., Knoxville — GARAGE — Dudley-Gillespie Co., Dedrick Bldg., having plans prepared by Bauman & Bauman, archts. and engrs., Market St., 3 story, rein.-con., plain foundation, Hill and State Sts. $150,000.

Tenn., Nashville — HOTEL — Prichett-Thomas Co., Stahlman Bldg., having plans prepared by Marr & Holman, Stahlman Bldg., 12 story, 250 room, rein.-con. and brick hotel building, 7th and Commerce Sts. $1,000,000.

Tenn., Union City—HOTEL—Chamber Commerce had surveys made by Hockenberry System, Inc., 200 North 3rd St., Harrisburg, Pa., hotel. $175,000. Architect not selected.

O., Canton—Natl. Bd. Y. M. C. A., 347 Madison Ave., New York City, N. Y., plans brick, steel and stone building, plain foundation, here. $295,000. Private plans.

O., Cincinnati—Natl. Br. Y. M. C. A., 347 Madison Ave., New York City, N. Y., plans brick, stone and steel building, plain foundation, here. $710,000.

O., Cleveland — STORE, SUITE and THEATRE—St. Clair-East 124th St. Co., c/o H. Kaplan, 601 Fidelity Mortgage Bldg., had plans prepared by J. F. Steffens, Fidelity Mortgage Bldg., 2 story and basement, 92 x 110 ft., brick, steel and concrete, 12308 St. Clair Ave. $150,000.

O., Cleveland — STORE, APARTMENT and THEATRE — Fine & Kramer, 216 Film Bldg., having plans prepared by N. Petti, Williamson Bldg., 2 story and basement, brick and steel, 15208 Lake Shore Blvd. $150,000.

O., Columbus—APARTMENT HOTEL—King Rogers Arms Co., 578 East Town St., having plans prepared by R. C. Hanford, 683 East Broad St., 10 story and basement, 108 x 170 ft., brick, steel, stone, terra cotta and concrete, East Town St. $1,200,000.

O., East Cleveland (br. Cleveland) — THEATRES — Fine & Kramer, 216 Film Bldg., Cleveland, having plans prepared by N. Petti, Williamson Bldg., Cleveland, brick, steel and concrete addition, 13931 Euclid Ave., and brick and steel addition, Hayden and Shaw Aves., here, both 1 story and basement. $150,000 each.

O., Shaker Heights (br. Cleveland)—ADMINISTRATION, etc. — Cleveland Jewish Asylum, c/o E. Joseph, 705 Union Trust Bldg., Cleveland, had plans prepared by Morris & Weinberg, 3608 Euclid Ave., Cleveland, 2 story and basement, 32 x 271 ft. administration building, 50 x 134 ft. recreation building, and 40 x 42 ft. superintendent's cottage, North Woodland Rd. near Belvoir Blvd., here. $300,000.

Mich., Detroit—OFFICE and GARAGE—Cew Center Development Corp., Fisher & Co., General Motors Bldg., having plans prepared by A. Kahn, 1000 Marquette Bldg., 10 and 25 story and basement, rein.-con., brick and steel theatre, store and shop building, West Grand Blvd. $30,000,000.

Mich., Detroit—THEATRE and OFFICE—United Artists Corp. and Detroit Properties Corp., 810 Bagley Ave., had plans prepared by C. H. Crane, 542 Griswold St., 18 story and basement, 181 x 208 ft., rein.-con., brick and steel, plain foundation, Bagley Ave. $6,000,000. Noted Dec. 16.

Mich., Saginaw — OFFICE — Consumers Power Co., Saginaw Div., had plans prepared by A. Kahn, 1000 Marquette Bldg., Detroit, 3 story and basement, rein.-con. and brick, plain foundation. $250,000.

Mich., South Haven—HOTEL—Cobb & Eisenberg, archts., 5 North La Salle St., Chicago, Ill., take bids about Jan. 31, 3 and 5 story, 132 x 305 ft., brick and stucco summer hotel, here, for D. Lipsay, 316 South Wabash Ave. $500,000.

Ill., Alton—CITY HALL—City, G. T. Davis, mayor, having sketches made by N. S. Spencer & Son, 25 East Jackson Blvd., for city hall. $200,000. H. B. Watson, chn. building com.

Ill., Chicago — APARTMENT — W. C. Bannerman & Co., 77 West Washington St., having plans prepared by R. DeGoyler & Co., 307 North Michigan Ave., 16 story and basement, 140 x 166 ft., rein.-con. and brick, Wellington St. and Sheridan Rd., $3,000,000.

Ill., Chicago—APARTMENT—F. Stanton, archt., 310 South Michigan Ave., takes bids about Feb. 1, 12 story and basement, 75 x 135 ft., rein.-con., brick and stone, 6317-21 Kenmore Ave., for W. E. Eldred, 6244 Winthrop Ave. $500,000. Noted Dec. 30.

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Buildings—Commercial (Continued)

Ill., Chicago — APARTMENT — C. W. Morris, 11 West Washington St., having plans prepared by Hooper & Janusch, 879 North State St., 17 story and basement, 42 x 102 ft., rein.-con., brick, steel and terra cotta, Stone and Division Sts. $700,000.

Ill., Chicago—FLORISTS—Syndicate, c/o Fox & Fox, archts., 38 South Dearborn St., soon lets contract 3 story, 146 x 237 ft., rein.-con., Randolph and Elizabeth Sts. $1,000,000.

Ill., Chicago—HOSPITAL—Alpine Hospital, A. N. Moore, pres., 6646 Stoney Island Ave., will not construct hospital, Ellis Ave. Project abandoned. Noted Feb. 18, 1926.

Ill., Chicago—HOTEL—H. Zisook, 1209 East 55th St., having plans prepared by T. R. Bishop & Son, 35 South Dearborn St., 4 story and basement, 75 x 236 ft., brick, Lake Park Ave. near 47th St. $400,000.

Ill., Chicago—THEATRE, STORE and OFFICE—Commonwealth Theatre Corp., c/o Eberson, archt., 212 East Superior St., having plans prepared 5 story and basement, rein.-con., brick and steel, 46th Pl. and South Parkway. $1,000,000.

Ill., Murphysboro — COURT HOUSE — Jackson Co. Com. having sketches made by N. S. Spencer & Son, 25 East Jackson Blvd., Chicago, rein.-con. court house. $350,000. Noted Dec. 2.

Ill., Rockford—HOTEL—Hall, Lawrence, Rippel & Ratcliffe, archts., 123 West Madison St., preparing plans 11 story and basement, rein.-con., brick and steel, State, 4th and Market Sts. Owner's name withheld.

Ill., Waukegan — MAUSOLEUM—North Shore Cemetery Assn., c/o W. Reichert, archt., 35 South Dearborn St., Chicago, having plans prepared 3 story and basement, rein.-con., bronze and white marble mausoleum, Green Bay Rd., here. $1,000,000.

Wis., Kenosha—STORE and OFFICE—A. E. Epstein, Main and Market Sts., having plans prepared by A. Epstein, 2001 West Pershing Rd., and takes bids about Feb. 18, 8 story and basement, 55 x 85 ft., rein.-con., brick and stone, Main St. $350,000.

Wis., Kenosha—THEATRE, HOTEL and STORE—E. and F. Dayton, c/o Dayton Hotel, take bids about Jan. 25, 5 story and basement, 125 x 125 ft., brick and terra cotta, Elizabeth and Grover Sts. $500,000. W. P. Whitney, 822 West 70th St., Chicago, Ill., archt. Noted Dec. 2.

Wis., Kenosha—THEATRE and BUSINESS—by C. W. and G. L. Rapp, archt., 190 North State St., Chicago, Ill., soon lets contract 2 story and basement, brick, concrete and terra cotta, plain foundation, Market St., for Saxe Amusement Enterprises, 530 Grand Ave., Milwaukee. $500,000. Noted Dec. 9.

Wis., Milwaukee—COURT HOUSE—W. J. Cary, clk., Milwaukee Co., receiving competitive sketches until July 12, 11 story court house, State and 9th Sts. $6,000,000. A. C. Clas, 445 Milwaukee St., architectural adviser. Noted Sept. 16.

Wis., Milwaukee — OFFICE and THEATRE — Lillydahl Corp., 425 East Water St., plans 12 or 15 story and basement, 82 x 120 ft., brick and concrete, plain foundation, Biddle and Market Sts. Engineer and architect not selected.

Wis., Milwaukee—THEATRE and BUSINESS—E. A. Meyer, archt., 2703 Lisbon Ave., takes bids about Feb. 1, 3 story and basement, 120 x 209 ft., brick and concrete, plain foundation, 22nd and Forest Home Aves., for E. Hindman, 1296 Forest Home Ave. $300,000. Noted Oct. 21.

Minn., Minneapolis — OFFICE and APARTMENT HOTEL—Gateway Building Co., W. Weisman, pres., 600 Temple Court Bldg., making plans 3 or 4 story office, apartment hotel, 13th St. and Harmon Pl. $600,000; also 3 story addition to Ritz Hotel, 2nd and Washington Ave. So. $200,000, both rein.-con., stone and terra cotta. Engineer and architect not announced.

Kan., Goodland—COURT HOUSE—Sherman Co., c/o C. W. June, clk., having plans prepared by T. W. Williamson & Co., 312 Central Natl. Bank Bldg., Topeka, 3 story, 76 x 102 ft., concrete, stone and slab court house. $200,000 bonds voted. Noted Jan. 13.

Kan., Norton—COURTHOUSE—Norton Co. plans election soon $200,000 bonds, for courthouse.

Neb., Omaha — HOSPITAL — Swedish Hospital, C. Johnson, chn. building com., 3627 California St., takes bids after Mar. 1, 3 story and basement, 44 x 138 x 140 ft., rein.-con., brick and tile addition, 3706 North 24th St. $150,000. E. F. Schreiber, 601 Peters Trust Bldg., archt. Noted Jan. 13.

Mo., Bridgeton — AUXILIARY BUILDINGS—See "Unclassified."

Mo., Normandy — CLUB — Glen Echo Country Club having plans prepared by P. J. Bradshaw, International Life Bldg., St. Louis, 2 story and basement, tile and stucco clubhouse. $400,000. Noted Sept. 2.

Mo., St. Louis—APARTMENT—Howard & Finley, (owners and archts.) 1104 International Life Bldg., take sub-bids about Feb. 1, 10 story and basement, 72 x 94 ft., rein.-con. and brick, 4515 Lindell Blvd. $400,000.

Mo., St. Louis—OFFICE—R. M. Tucker, archt., c/o Missouri Pacific R.R. Co. (owner), Ry. Exch. Bldg., takes bids about Feb. 11, 22 story, 40 ft. tower and basement, 100 x 293 ft., rein.-con., steel, terra cotta and granite, 13th and Pine Sts. $2,000,000. Mauran, Russell & Crowell, Chemical Bldg., consult. archts. E. A. Hadley, c/o owner, ch. engr. Noted Dec. 16.

Tex., Amarillo — THEATRE — E. O. Thompson, c/o Herring Hotel, having plans prepared by Shepard & Wiser, Amarillo Bldg., 2 story and basement, 140 x 170 ft., rein.-con. and steel, 3rd St. $250,000.

Tex., Corpus Christi—HOTEL and OFFICE—Hedrick & Gottlieb, archts., Post-Dispatch Bldg., Houston, preparing plans and soon takes bids 12 story, 100 x 150 ft. hotel and office, here, for J. Garrett, Corpus Christi. $850,000. Noted June 3.

Tex., El Paso — HOSPITAL — E. W. Keyser, chn. com. plans masonic hospital. $500,000.

Tex., Plainview—HOTEL and STORE—J. N. Donohoo having plans prepared by Kerr & Walsh, Fuqua Bldg., Amarillo, 5 story and basement, rein.-con., brick and stone, plain foundation. $250,000. Noted Jan. 13.

Tex., San Antonio—OFFICE—San Antonio Real Estate Bd., c/o J. E. Fite, pres., c/o Gunter Hotel, having plans prepared by Adams & Adams, c/o Builders Exch. Bldg., 10 story and basement, 50 x 100 ft., rein.-con., brick and tile, plain foundation, Martin and St. Marys Sts. $225,000. Noted Jan. 27.

N. M., Raton—HOTEL—Raton Hotel Co., c/o J. Delisio, pres., takes bids after Feb. 10, 5 story and part basement, 75 x 140 ft., rein.-con., brick, steel and hollow tile hotel. $175,000. Kerr & Walsh, 410 Amarillo Bldg., Amarillo, Tex., archts.

Wash. Seattle — AUDITORIUM, etc. — Election Mar. 8, $900,000 bonds, constructing and furnishing civic auditorium, arena and recreation field, 7,500 seating capacity.

Wash., Seattle—HOTEL—L. N. Rosenbaum and associates, Ry. Exch. Bldg., plan 24 story, 700 room hotel, 9th Ave. and Pike St. $2,000,000.

Wash., Tacoma—AMERICAN LEGION—Edward B. Rhodes Post 2, American Legion, E. A. Rich, commander, having plans prepared by F. and S. Shaw, Washington Bldg., 5 story, 90 x 110 ft., French renaissance style, sandstone, incl. auditorium, 1,600 seating capacity, swimming tank, and gymnasium, etc., Stadium Way and 4th St. S. $150,000.

Ore., Portland—RECREATION CENTER—L. Friede, Manchester Bldg., having plans prepared by Claussen & Claussen, Macleay Bldg., 3 story, 100 x 100 ft., 11th and Alder Sts. $175,000.

Calif., Bakersfield—OFFICE—G. Haberfelde, c/o C. H. Biggar, archt., Bank of Italy Bldg., having plans prepared 5 story, fireproof addition to present 1 story building, 17th St. and Chester Ave. $175,000.

Calif., Los Angeles—HOSPITAL—Los Angeles Co. had plans prepared by M. Hunt, Hibernian Bldg., E. Bergstrom, Citizens Natl. Bank Bldg., S. Hunt, 2645 Severance St., P. Davis, 500 South Rossmore St., and W. Richards, fireproof hospital, Olive View Sanitarium site. $200,000.

Calif., Los Angeles — HOTEL — W. E. Chadwick, archt., Union League Bldg., preparing preliminary plans 4 story and basement, brick, Alvarado St. $150,000. Owner's name withheld. $150,000.

Calif., Los Angeles—HOTEL—Syndicate headed by E. R. Rockwell Co., Lincoln Bldg., having plans prepared by S. Brown, New Orpheum Bldg., 5 story, rein.-con. and stucco, Carthay Center. $500,000.

Calif., Oakland — MAUSOLEUM — Evergreen Mausoleum, c/o W. H. Hubbert, archt., Room 808, 110 Sutter St., San Francisco, having plans prepared (1st unit) rein.-con., at Evergreen Cemetery. $150,000. Total $1,000,000.

Calif., San Bernardino — STORE and LOFT—H. E. Jones, archt., Katz Bldg., soon takes bids 4 story and basement, 127 x 206 ft., steel and concrete, 3rd and E Sts., for Harris Co., c/o architect.

Calif., San Diego—HALL of RECORDS—San Diego Co. plans 1 story, fireproof addition. $150,000.

Calif., San Francisco—APARTMENT—Sheehan & Woolfrey, 105 Montgomery St., had plans prepared by H. C. Baumann, 251 Kearny St., 6 story and basement, concrete, Bway. near Gough St. $150,000.

Calif., San Francisco — APARTMENT — Hyman & Appleton, archts., 68 Post St., prepared plans 6 story and basement, concrete and steel, Laguna and Bway. Sts. $150,000. Owner's name withheld.

Calif., San Francisco—HOSPITAL—L. J. Devlin, archt., Pacific Bldg., soon takes bids 3 story and basement, brick and steel, Filbert St. and Van Ness Ave., for St. Elizabeth Infant Hospital, c/o architect. $200,000 or more. Noted Dec. 2.

Calif., Santa Monica—STORE and OFFICE—Mutual Shares Property, Inc., 221 Santa Monica, having plans prepared by M. E. Durfee, 221 Commercial Exch. Bldg., Los Angeles, 12 story and basement, 100 x 150 ft., steel and rein.-con., 3rd St. and Santa Monica Blvd. $750,000.

Calif., Ventura—HOTEL and APARTMENT—F. Meline Co., 706 South Hill St., having plans prepared by C. Kyson, 6040 Hollywood Blvd., exclusive beach colony, incl. hotel $350,000, apartment $200,000, and pier $500,000, near here.

Calif., Ventura—TEMPLE—Ventura Masonic Building Assn. having plans prepared by A. F. Priest, 719 Fay Bldg., Los Angeles, 4 story, 105 x 135 ft., brick, stone and steel temple. $150,000.

Que., Montreal—OFFICE—Canada Cement Co. Ltd., plans 5 story top addition, Phillip Sq. $300,000.

Ont., Sault Ste. Marie—HOTEL—A. Grant and Syndicate, 505 Albert St. E., plans 4 or 5 story and basement, 400 room, rein.-con., brick and steel, plain foundation, Bay and East Sts. $500,000. Engineer and architect not selected.

Ont., Toronto—LOFT—M. Stone Clothing Mfg. Co., 156 John St., having plans prepared by W. H. Little, 63 Edna St., and takes bids in April or May, 5 or 6 story and basement, rein.-con., brick and steel, plain foundation, Richmond St. and Spadina Ave. $175,000.

Bids Desired

N. H., Rochester — THEATRE and STORE—See "Contracts Awarded."

Mass., Allston (sta. Boston) — APARTMENTS—See "Contracts Awarded."

Mass., Boston—FIRE STATION—Feb. 1, by City, Fire Dept., 3 story and basement, 65 x 100 ft., brick, granite and limestone, plain foundation, Shawmut Ave. and Warrenton St. $345,000. Former bids rejected. J. M. Gray, 175 High St., archt. Noted Sept. 2.

Mass., Boston—SURGICAL—Feb. 11, by City, Hospital Dept., J. P. Manning, pres., 3 story and basement, brick and stone, plain foundation, East Concord St. $229,000. Ritchie, Parsons & Taylor, 15 Ashburton Pl., archts.

Mass., Brighton (sta. Boston)—APARTMENTS—See "Contracts Awarded."

Mass., Duxbury—THEATRE—See "Contracts Awarded."

Mass., Falmouth—TOWN HALL—Town, c/o Hutchins & French, archts., 11 Beacon St., Boston, taking bids altering and constructing 2 and 3 story and basement, brick and stone addition, plain foundation, here. $150,000.

Mass., Fitchburg — THEATRE — See "Contracts Awarded."

Mass., Hyannis—CLUB—Oyster Harbor, Inc., c/o C. M. Baker, archt., 25 Arch St., Boston, taking bids 3 story 50 x 230 ft., and 35 x 120 ft., brick, concrete foundation, Oyster Harbor. $150,000.

Mass., Hyannis—HOTEL and STORE—Owner, c/o A. C. Bottomley, archt., 10 Tremont St., Boston, taking bids 1 and 2 story and basement, brick and steel, plain foundation, Main St. $150,000.

Mass., Lowell—TEMPLE—Lowell Masonic Assn., C. Bartlett, chn. building com., taking bids 3 story and basement, 80 x 175 ft., brick and stone, plain foundation. To exceed $150,000. P. F. Gilbert, 53 Central St., archt.

Mass., Lynn—STORE and OFFICE—See "Contracts Awarded."

Mass., Salem—APARTMENT—See "Contracts Awarded."

Mass., Stoneham—HALL—Stoneham Odd Fellows Hall Assn., W. C. Moulton, secy., 515 Main St., taking bids altering and constructing 3 story and basement, brick, plain foundation. $150,000. E. M. Noonan, 15 High St., archt.

Mass., Worcester—HALL—Feb. 8 (extended date), by Worcester Horticultural Society, M. Converse, chn., 1 and 2 story and basement, brick and stone, plain foundation, Elm and Chestnut Sts. $200,000. J. D. Leland & Co., Statler Bldg., Boston, archts. Noted Nov. 11.

Conn., Bristol — THEATRE — Colonial Theatre, Inc., c/o Lockwood & Porter, 102 South St., New Britain, taking bids struc-

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Buildings—Commercial (Continued)

tural steel for 2 story and basement, 75 x 175 ft., brick and steel theatre. Total cost $500,000. Mowl & Rand, 27 School St., Boston, Mass., archts. Noted May 20.

Conn., Hartford—COURT HOUSE—Jan. 31 (extended date), by Hartford Co. Building Com., 225 Trumbull St., 3 story, 180 x 242 ft., brick, stone and steel, Washington St. $1,500,000. Smith & Bassette, 36 Pearl St., archts. P. P. Cret, 112 South 16th St., Phila., Pa., associated archt. Noted Jan. 6.

Conn., New Haven—APARTMENT—See "Contracts Awarded."

N. Y., New York—APARTMENT—See "Contracts Awarded."

N. Y., New York — COURT HOUSE — Feb. 4, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., erecting and completing 4th story addition to magistrates and municipal courthouse, Washington and Brook Aves., 161st and 162nd Sts. Noted Sept. 23.

N. J., Newark — HOME — Feb. 1, by Workmen's Circle Labor Luceum, H. Leon, chn. building com., 42 Rankin St., and L. P. Greenberg, archt., 156 Market St., 3 story, 77 x 94 ft., brick and stone, 188-192 Belmont Ave. $150,000. Noted July 15.

Pa., Altoona — HOTEL — Feb. 4, by Magaziner, Eberhard & Harris, archts., 603 Chestnut St., Phila., 5 story and basement, 73 x 129 ft., rein.-con., brick and steel addition to William Penn Hotel, plain foundation, 11th and Chestnut Sts., here, for H. L. Wilson, Altoona. Noted Nov. 11.

Pa., Drexel Hill—APARTMENT—Feb. 1, by MacKenzie & Wiley, archts., Bankers Trust Bldg., Phila., 4 story and basement, 50 x 132 ft., brick and steel, plain foundation, Garrett Rd., here, for S. T. Lynch, Drexel Hill. Noted Aug. 26.

Pa., Phila.—HOSPITAL, etc.—Feb. 1, by Dept. Pub. Health, W. Krusen, dir., 584 City Hall, attendants building for Phila. Hospital for Mental Diseases (Insane), and nurses home for Institution of Feeble Minded.

Del., Wilmington—HOSPITAL—Apr 1, by Building Com. of Physicians & Surgeons Hospital Assn., Chestnut and Rodney Sts., 3 story and basement, 42 x 187 ft. with 46 x 71 ft. wing, brick, plain foundation, Broome St. $500,000. York & Sawyer, 100 East 42nd St., New York City, N. Y., archts. R. P. Schoenijahn, Ind. Trust Bldg., engr.

D. C., Wash.—OFFICE—Jan. 29, by W. B. Wood, archt., 816 Conn. Ave. N. W., general contract office building, Jackson Pl. N. W. for Robert Brookings Graduate School, 1744 Eye St. N. W. $200,000.

O., Cleveland — APARTMENT — C. H. Ensign, archt., Fidelity Mortgage Bldg., taking bids 5 story and basement, 55 x 102 ft., brick, 1895 East 101st St., for C. C. Siler, c/o architect. $200,000. Noted Dec. 16.

O., Cleveland — COMMERCIAL and THEATRE—G. M. Meyers, 2136 Broadview Rd., taking bids 2 story and basement, brick, steel and concrete, Pearl and State Rds. $200,000. Best & Hoefler, B. F. Keith Bldg., archt. and engr. Noted Jan. 20.

O., Columbus—THEATRE—Lowe Theatrical Enterprise, M. Lowe, pres., 1548 Bway., New York City, N. Y., taking bids on revised plans, 121 x 187½ ft. theatre, 83 ft. high, brick, steel, stone and terra cotta, East State St. $850,000. T. W. Lamb, 688 6th Ave., New York City, N. Y., archt. Noted Dec. 23.

Ill., Chicago—APARTMENT—Leichenko & Esser, archts., 38 South Dearborn St., taking bids 6 story and basement, 65 x 150 ft., rein.-con., brick and terra cotta, 5437-41 Dorchester Ave., for Dorchester Building Corp., c/o architects.

Ill., Chicago—HOTEL and CLUB—Hall, Lawrence, Rippel & Ratcliffe, archts., 123 West Madison St., taking bids 14 story and basement, 127 x 180 ft., rein.-con., brick and steel, Stoney Island Ave. and Marquette Rd., for Calumet Council K. of C., J. M. Cusick, grand knight, 112 West Adams St. $2,000,000.

Wis., Madison — OFFICE — Beaver Insurance Co., I. A. Oscar, secy., 119 Monona Ave., taking bids 7 story, rein.-con., brick and steel, plain foundation, Monona Ave. $150,000. J. R. and E. J. Low, 1st Central Bldg., archts. Noted Jan. 13.

Ia., Ames — MEMORIAL — Feb. 15, by Proudfoot, Rawson & Souers, archts., 810 Hubbell Bldg., Des Moines, 4 story and basement, 184 x 196 ft., rein.-con. and stone, plain foundation, on campus, of Iowa State Agricultural College, here, for Memorial Union Alumni Hall. $1,000,000. W. H. Gemmill, secy. State Bd. Educ. Noted Dec. 9.

Ia., Davenport—BANK and OFFICE—Feb. 25, by Clausen, Kruse & Klein, associated archts., 910 Kahl Bldg., 14 story and basement, 100 x 150 ft., brick, steel and stone, plain foundation, for Amer. Commerce Savings Bank. $1,250,000. Weary & Alford, 1923 Calumet Ave., Chicago, archts.

N. M., Albuquerque — THEATRE — O. Bachechi, c/o Pastime Theatre, taking bids 3 story, 75 x 142 ft., brick, rein.-con., steel and hollow tile, 5th St. and Central Ave. $150,000. Former bids rejected. Boller Bros., Douglas Bldg., Los Angeles, Calif., and 114 West 10th St., Kansas City, Mo., archts. Noted Nov. 11.

Calif., El Cerrito—MAUSOLEUM—W. A. Hubbert, archt., Room 808, 110 Sutter St., San Francisco, taking bids rein.-con. mausoleum, Sunset View Cemetery, here, for Sunset View Mausoleum Co., 1211 Montgomery St., San Francisco. $300,000. Excavation for above, awarded to Arris-Knapp, 961 41st St., Oakland, approximately $10,750. Noted Dec. 2.

Bids Received

N. J., Highland Park (br. New Brunswick) — HOSPITAL — St. Peters General Hospital, J. W. Norris, 94 Somerset St., New Brunswick, 5 story and basement, brick and limestone, here, from C. J. Smith, 202 Academy St., Trenton. Archts. est. $900,000.

Contracts Awarded

N. H., Hanover—HOSPITAL—Hanover Hospital, 3 story and basement, brick and stone addition, plain foundation, to E. H. Hunter, Hanover. Archts. est. $150,000.

N. H., Rochester — THEATRE and STORE—F. C. Leavitt, Main St., Sanford, will build 1 and 2 story and basement, brick, plain foundation, South Main St., by day labor. To exceed $150,000. P. Bradford, Springvale, Me., archt. Noted Jan. 6.

Mass., Allston (sta. Boston) — APARTMENTS—Hurwitz & Goldberg, 705 Old South Bldg., Boston, will build four 5 story and basement, 5,000 sq.ft. floor space each, brick and stone, plain foundations, Commonwealth Ave. and Washington St., here. $600,000. Work to be done by separate contracts. Silverman, Brown & Heenan, 51 Cornhill, Boston, archts.

Mass., Boston—GARAGE—North Station Garage Co., F. G. Barrows, 40 Central St., 6 story, 600 car, rein.-con., brick and steel, Causeway, Beverly and Haverhill Sts., to Natl. Eng. Corp., 40 Central St. Archts. est. to exceed $150,000. Noted Jan. 13.

Mass., Boston—OFFICE—See "Buildings—Industrial."

Mass., Brighton (sta. Boston)—APARTMENT—Rotman & Hurwitz, 572 Huntington Ave., Boston, will build four 3 story and basement, 3,500 sq.ft. floor space each, brick and stone, plain foundations, Ransom Rd. near Claymoss Rd. $250,000. Work will be done by separate contracts. Silverman, Brown & Heenan, 51 Cornhill, Boston, archts.

Mass., Duxbury—THEATRE—J. Rudman, 16 Queensbury St., South Boston, 1 story and basement, brick and steel, plain foundation, Tinker Town Acres. $159,000. Work will be done by separate contracts. Kroykn, Browne & Rosenstein, 220 Devonshire St., Boston, archts. Noted Jan. 13.

Mass., Fitchburg—THEATRE—Kenmore Realty Corp., E. L. Snider, 18 Tremont St., Boston, will build 2 story, brick, tile, marble and steel, Main St., by day labor. $500,000. Haynes & Mason, 280 Main St., archts.

Mass., Lynn—STORE and OFFICE—H. Dine, 9 Monroe St., will build 4 story, brick, plain foundation, Market and Monroe Sts. $150,000. Work will be by separate contracts. G. A. Cornet, 10 Central Ave., archt. Noted Jan. 6.

Mass., North Attleboro—HOTEL—North Attleboro Hotel Co., F. Mason, pres., 558 Mt. Hope Ave., 4 story and basement, brick, plain foundation, Washington Sq., to H. F. Harris, 255 Washington St. Archts. est. $200,000. Noted Dec. 16.

Mass., Salem — APARTMENT — A. C. Cimon, 174 Lafayette St., will build 3 story and basement, brick and stone, plain foundation, Lafayette St. $150,000. Work will be done by separate contracts. Private plans.

Conn., New Haven—APARTMENT—I. M. Young, 219 Townsend Ave., will build 3 story, 141 x 162 ft., brick and steel, Elm St. $300,000. Work will be done by separate contracts. J. Weinstein, Metropolitan Bldg., Chapel St., archt. Noted Dec. 16.

N. Y., New York—APARTMENT—D. P. Robinson, 125 East 46th St., will build 14 story, 90 x 140 ft., brick, steel and stone, plain foundation, Park Ave. and 75th St. $2,000,000. Work will be done by separate contracts under owner's supervision.

N. Y., New York — HOSPITAL — Ed. Trustees, Bellevue & Allied Hospitals, J. J. McGrath, pres., 415 East 26th St., general contract additions and alterations to patient building, Gouverneur Hospital, Front St. and Gouverneur Slip, to Blumenthal Constr. Co., 25 West 43rd St., $200,000; and plumbing, to Lossack-Gaynor Co., 197 Prospect St., Long Island City, $29,000. Noted Jan. 6.

N. Y., New York—THEATRE—Loews Inc., 1540 Bway., brick, steel and stone, plain foundation, 31 Canal St., to M. Shapiro & Son, 1560 Bway. Archts. est. $225,000. Noted Jan. 20.

N. J., Mt. Holly—HOSPITAL—Burlington Co. Hospital, 2 story hospital, to J. S. Rogers Co., Drexel Bldg., Phila., Pa., $231,213. Noted Jan. 20.

Pa., Connellsville—STORE—J. G. McCrory Co., 1107 Bway., New York City, N. Y., general contract 2 story and basement, 66 x 165 ft., brick and stone, here, to Connellsville Constr. Co., Connellsville. Archts. est. $150,000.

Pa., Eaglesville — HOSPITAL—Eaglesville Sanitorium, 4 story and basement, 54 x 217 ft., and 43 x 54 ft., rein.-con., brick and steel, plain foundation, to F. W. Warren Co., 1923 Arch St., Phila.

Pa., Phila. — BANK and OFFICE — Simon & Simon, archts., 249 South Juniper St., 30 story and 3 basement, 175 x 221 ft., rein.-con., brick, stone and steel, caisson foundation, Broad, Walnut and Sansom Sts., to Irwin & Leighton, 126 North 12th St., for Fidelity-Phila. Trust Co., 325 Chestnut St., $7,448,000. Noted Dec. 30.

Pa., Phila.—MATERNITY HOSPITAL—H. Castor, archt., St. Girards Bldg., 7 story and basement, 45 x 202 ft., maternity building, and 2 story and basement, 45 x 93 ft. administration building, both rein.-con.-con., brick and steel, plain foundation, 13th and Tabor Sts., to Cramp & Co., Denckla Bldg., for Jewish Hospital, 13th and Tabor Sts. Archts. est. $700,000. Noted Dec. 9.

D. C., Wash.—POLICE STATION—Dist. Comrs., District Bldg., constructing Police Station 14, 1 story, 45 x 75 ft., brick, to A. L. Smith & Co., 2525 Pennsylvania Ave., $50,950. Noted Dec. 30.

N. C., Charlotte — OFFICE — Charlotte Law Building, Inc., 6 story, 50 x 135 ft., brick and limestone, Tryon St., to Goode Constr. Co., 4 West 3rd St., $229,739.

N. C., Greensboro — OFFICE — Amer. Exch. Bank, remodeling present building and 9 story, 52 x 116 ft., brick, limestone, concrete and steel addition, to Angle & Blackford, Greensboro, $500,000 up. Noted Aug. 5.

La., Marksville—COURTHOUSE—Avoyelles Parish Police Jury, 4 story, 75 x 145 ft., rein.-con., brick and stone courthouse, to Caldwell Bros., 816 Howard Ave., New Orleans, $212,950. Noted Dec. 2.

Ky., Louisville—OFFICE—W. Heyburn, c/o Belknap Hardware Co., 17 story and basement, 106 x 157 ft., brick and steel, 4th Ave. and Bway., to Struck Constr. Co., 147 North Clay St. Archts. est. to exceed $1,000,000.

O., Cincinnati—APARTMENT—Madison Rd. Apartment Co., Dixie Terminal Bldg., 4 story and basement, 150 x 313 ft., brick and rein.-con., plain foundation, Madison St., to M. Penker & Sons, Valencia, $425,000.

O., Cleveland — STORE, OFFICE and THEATRE—Loews Ohio Theatres, c/o J. Laronge, vice-pres., Union Trust Bldg., 1 and 2 story, brick, concrete and steel, West 117th St. and Detroit Ave., to Craig-Curtiss Co., 4614 Prospect Ave. Archts. est. $400,000. Noted Nov. 11.

O., Dayton — HOTEL — Dayton Hotel Co., Harries Bldg., general contract 16 story and basement, 186 x 200 ft., brick, steel and rein.-con., plain foundation, 1st and Main Sts., to Selden Breck Constr. Co., 320 North 4th St., St. Louis, Mo., approximately $2,000,000.

Ill., Chicago — APARTMENT—Johnston Bros. (owners and contractors) will build 8 story and basement, rein.-con., brick and stone, 6927-39 Crandon Ave. $1,000,000.

Ill., Chicago—APARTMENT—E. Grossman, archt., 105 West Monroe St., general contract 6 story and basement, 50 x 150 ft., rien.-con., brick and stone, 5954 Winthrop Ave., to A. E. Pearson Co., 105 West Monroe St., for Fifty-Nine Fifty-Four Winthrop Avenue Building Corp., c/o architect. Archts. est. $250,000. Noted Nov. 18.

Ill., Chicago—APARTMENTS—E. Grossman, archt., 105 West Monroe St., general contract 6 story and basement, 50 x 150 ft., rein.-con., brick and stone, 5959 Kenmore Ave., to A. E. Pearson Co., 105 West Monroe St., for Fifty-Nine-Fifty-Nine Kenmore Avenue Building Corp., c/o architect. Archts. est. $250,000. Noted Nov. 18.

Wis., Milwaukee—APARTMENT—I. H. Benesch Co., 583 Jefferson St., 5 story and

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Buildings—Commercial (Continued)

basement, 80 x 95 ft., brick and steel, plain foundation, Juneau Pl., to E. C. Knuth & Co., 2911 Fond du Lac Ave. Archts. est. $200,000.

Ia., Cedar Rapids—THEATRE and OFFICE—A. H. Blank Theatre Corp., 300 Commonwealth Bldg., Des Moines, 4 story and basement, brick, concrete and terra cotta, plain foundation, to T. Stark & Co., Cedar Rapds, and 130 Muskego Ave., Milwaukee, Wis. Archts. est. $575,000.

Mo., Kansas City — THEATRE and HOTEL—A. Priestly, c/o L. H. Dodd, archt., 800 Graphic Art Bldg., general contract 6 story and basement, 47 x 153 ft., rein.-con. theatre and hotel, to P. D. Olmstead, c/o architect. Archts. est. $650,000.

Tex., Houston — APARTMENT — C. C. Bell, 3504 McKinney Ave., 3 story and part basement, 125 x 125 ft., brick and stone, San Jacinto and Drew Sts., to Bell Constr. Co., 3511 McKinney St., $200,000. Private plans.

Tex., San Antonio—HOTEL—Smith Bros. Properties, Inc., 431 South St. Marys St., 12 story, 110 x 140 ft., rein.-con., brick and stone addition, plain foundation, St. Marys St., on Bowens Island, to McKenzie Constr. Co., c/o Travis Bldg. Archts. est. $300,000.

Calif., Coronado—APARTMENT-HOTEL—Island City Hotel Co., 6 story, 154 x 279 ft., rein.-con., Orange Ave. and Ada St., to Central States Constr. Co., 1107 4th Ave., Huntington, W. Va., $900,000.

Calif., Los Angeles—APARTMENT—J. A. Faucher, 5 story and basement, 60 x 135 ft., rein.-con., South Mariposa St., to W. E. Warne, Rives-Strong Bldg., approximately $150,000.

Calif., Los Angeles—APARTMENT—J. B. Batchelder, 3 story and basement, 100 x 125 ft., brick, North Boylston Ave., to H. L. Shaw, 421 Film Exch. Bldg., $165,450. Elevator, refrigerating system, steam heating plant.

Calif., Pasadena—SCHOOL—St. Philips Church, 2 story, 60 x 100 ft., rein.-con., Hill and Division Sts., to J. Buckley, 440 West Walnut St., $150,000.

Calif., Los Angeles — APARTMENT — L. W. Deriger, 407 Palmer Bldg., 4 story and basement, 60 x 160 ft., brick and concrete, South Norton Ave., to W. E. Warne, Rives-Strong Bldg., $155,000.

Calif., San Jose—STORE and OFFICE—Medico-Dental Building Assn., c/o W. H. Weeks, archt., 369 Pine St., San Francisco, general contract 11 story and basement, 40 x 110 ft., rein.-con., 6th and Santa Clara Sts., to C. N. Swenson, 400 Burrell St., $169,578. Noted Jan. 13.

Calif., South San Francisco — MAUSOLEUM — Holy Cross Cemetery, rein.-con. and marble mausoleum, Holy Cross Cemetery, to Barrett & Hilp, 918 Harrison St., San Francisco, approximately $175,000.

B. C., Vancouver—STORE—Woodwards Ltd., Hastings and Abbott Sts., 6 story and basement, 50 x 200 ft., rein.-con., brick and tile addition, Cordova St., to Carter Halls Aldinger Co., 500 Beatty St., $200,000.

Buildings—Industrial

Proposed Work

Mass., Somerville (Boston P. O.)—REPAIR and SERVICE GARAGE and SHOWROOM—R. Testa, archt., 224 Hanover St., Boston, preparing plans 1 story, 90 x 220 ft., rein.-con. and brick, plain foundation, here. $75,000. Owner's name withheld.

Conn., Norwich — BOILERHOUSE — Standard Oil Co. of New York Forest St., having plans prepared brick and steel boiler house. $100,000. Private plans.

Conn., Norwich—POWER PLANT—Norwich State Hospital State Bd. Health, State House, Hartford, plans altering and constructing addition, here. $65,000. Engineer and architect not selected.

N. Y., Syracuse — MEAT TESTING LABORATORY and MARKET — City having plans prepared by A. Partridge, City Hall, 1 story, 75 x 146 ft., brick and steel, Oswego Blvd. and Butternut St. $100,000. N. F. Pitts, City Hall, engr.

N. J., Elizabeth—PLANT and OFFICE—Lidgerwood Mfg. Co., 326 Frelinghuysen Ave., Newark, plans plant and factory, here. $600,000. Engineer and architect not selected. Noted Mar. 25.

Pa., Bridgeport—MANUFACTURING—Ballinger Co., archts., 12th and Chestnut Sts., Phila., soon lets contract 4 story and basement 20 x 80 ft. rein.-con. and brick addition, plain foundation, here, for James Lees & Sons Co., Bridgeport.

Pa., Pittsburgh — WELDING SHOP — Pittsburgh Des Moines Steel Co., Curry Bldg., having plans prepared 1 story, 52 x 175 ft., brick and steel, Nevelle Island. $40,000. Private plans.

Va., Hampton—ICE PLANT—Newport News & Hampton Railway, Gas & Electric Co., Newport News, C. D. Porter, vice pres. and genl. mgr., having plans prepared new ice plant, here. $300,000.

Va., Roanoke — FACTORY — Johnson-Carper Furniture Co. purchased 10 acre site and plans factory, near here. $450,000.

Ky., Louisville—PLANT—Louisville Bedding Co., Preston and Main Sts., M. P. Kelley, pres., plans rebuilding bedding plant, recently destroyed by fire. Loss approximately $250,000.

O., Canton—FACTORY—Hal-Fur Truck Co., A. C. Fuhrman, vice-pres., 1783 East 21st St., Cleveland, plans 1 story, brick and steel factory, here. $50,000. Engineer and architect not selected.

O., Cincinnati—POWER HOUSE—J. E. Harper, dir. Dept. Welfare, 9th and Oak Sts., Columbus, having plans prepared by H. B. Briggs, Ohio-Hartman Bldg., Columbus, 2 story, 40 x 60 ft., brick and concrete. Longview State Hospital for Insane, here. $50,000.

O., Cleveland—HEAT TREATING and CHEMICAL LABORATORY — Cleveland Cap Screw Co., J. W. Fribley, pres., 2921 East 79th St., having plans prepared by H. M. Morse Co., archts. and engrs., Finance Bldg., 3 story, 70 x 90 ft., brick and rein.-con., 2921 East 79th St. $40,000.

O., Cleveland — FOUNDRY — Crucible Steel Casting Co., W. H. Shepard, pres., West 84th St. and Almira Ave., soon lets contract 1 story, brick and steel addition. $80,000. G. S. Rider Co., Century Bldg., archts. and engrs.

O., Toronto—FACTORY—Toronto Paper Mills Co. plans 1 story, structural steel and concrete addition. $60,000.

O., Youngstown — FACTORY — Commercial Shearing & Stamping Co. plans 4 story, steel and concrete factory, Crab Creek. $50,000.

Ill., East St. Louis—MANUFACTURING—Westcott Valve Co., 21st St. and Bond Ave., had plans prepared by Klipstein & Rathmann, 316 North 8th St., St. Louis, Mo., and takes bids in February or March 1 story, 100 x 200 ft., brick and steel, 21st St. and Bond Ave. $40,000.

Wis., Janesville — FACTORY—Northern Conveyor Mfg. Co., West State St., plans 1 story, 100 x 162 ft., brick and steel addition, plain foundation. To exceed $40,000. Engineer and architect not selected.

Wis., Madison—PLANT—Blied Printing Co., East Washington Ave., having plans prepared 2 story, 60 x 150 ft., rein.-con., brick and steel, plain foundation, Webster St. $40,000. Private plans. Noted Jan. 13.

Wis., Milwaukee — LITHOGRAPHING PLANT—O. Schilffarth & Co., 328 Harmon St., having plans prepared by A. C. Runzler, 144 Oneida St., 1 story and basement, 82 x 100 ft., brick and concrete, plain foundation, Harmon St. $40,000.

Wis., Milwaukee—LAUNDRY—Superior Family Laundry Co., 1818 Clybourn St., having plans prepared by Davis & Tuckwell, 377 National Ave., 2 story, 60 x 67 ft., brick and timber addition, plain foundation, $40,000.

Wis., Racine—FACTORY—Racine Universal Motor Co., Bridge and Ontario Sts., having plans prepared by J. M. Matson, Baker Blk., 2 story, 62 x 250 ft., brick, steel and concrete, plain foundation, Goold St. $60,000.

Wis., Racine—PRINTING and LITHOGRAPHING PLANT—Western Printing & Lithographing Co., 213 State St., having preliminary plans prepared 2 story and basement, brick and concrete, plain foundation. To exceed $40,000. Austin Co., 160 North La Salle St., Chicago, Ill., engrs.

Wis., South Milwaukee — MACHINE SHOP—Bucyrus Co., 1 story, 75 x 170 ft., brick and steel addition, plain foundation, to Warden-Allen Co., Port Washington Rd.

Minn., Thief River Falls — POWER PLANT — City having plans prepared rebuilding electric power plant, incl. power house, 2 modern waterwheels, complete equipment to double present capacity of 350 hp. $50,000. Jacobson Eng. Co., 430 Oak Grove St., Minneapolis, engrs.

Mo., Kansas City — MILL—Enterprise Planing Mill & Cabinet Co., 18th and Askew Sts., plans rebuilding 2 or 3 story, brick mill, recently destroyed by fire. $40,000. Private plans.

Mo., Springfield—CREAMERY—J. T. Woodruff, Woodruff Bldg., 2 story, 76 x 126 ft., rein.-con., Main Ave. and Phelps St., to Caldwell & Son Co., Woodruff Bldg. $100,000. Willow Springs Creamery Co., Willow Springs, lessee.

Ark., Magnolia—TEXTILE MILL—Company being formed, c/o Business Mens Assn., W. H. Warnock, pres., plans rein.-con. textile mill. $400,000 and up. Engineer and architect not announced.

Tex., Luling — ICE PLANT — Central Power & Light Co., c/o E. B. Neiswanger, Frost Bank Bldg., San Antonio, purchased site and having plans prepared 30 ton capacity, probably electrically driven machinery, here. $40,000. Private plans.

Tex., McCamey — ROUND HOUSE and MACHINE SHOP—Kansas City, Mexico & Orient Ry. Co., Wichita, Kan., having preliminary plans prepared, roundhouse and machine shop, here. $200,000. W. L. Churchill, c/o owner, engr.

Tex., San Antonio—FREIGHT DEPOT—Missouri Pacific Ry. Co., E. A. Hadley, ch. engr., Railway Exch., St. Louis, Mo., plans rein.-con., brick and stone, plain foundation, here. $250,000. Private plans.

Tex., Wichita Falls—ASBESTOS FACTORY—Wright Asbestos Mfg. Co., c/o E. F. Wright, Wichita, Kan., having preliminary plans prepared asbestos factory. $45,000 incl. machinery. Private plans.

Okla., Hobart—MILL—Producers Cotton Oil Co., c/o G. S. Neal, Hobart, having plans prepared 30 to 40 ton daily capacity cold press cotton seed oil mill. $75,000 or more.

Okla., Sapulpa — ELECTRIC LIGHT PLANT—City Council having plans prepared electric light plant. $300,000. E. B. Smith, mayor. Engneer and architect not selected.

Okla., Talihina — HYDRO-ELECTRIC PLANT, etc. — Dierks Lumber Co., 700 Gates Bldg., Kansas City, Mo., had preliminary plans prepared hydro-electric plant and impounding reservoir on steep creek, near here. $100,000. Engineer and architect not announced.

Wash., Hoquiam — PULP and PAPER MILL — Zellerbach Paper Co., 534 Battery St., San Francisco, Calif., purchased 30 acre tract and plans 159 ton capacity pulp and paper mill, here, for Grays Harbor Pulp Co. $3,000,000. Private plans.

Calif., Los Angeles—PACKING PLANT—Canoga Citrus Fruit Assn., c/o J. I. Long, 1415 Manhattan Pl., had plans prepared by L. G. Knipe, 251 South Vermont St., 1 story, 80 x 160 ft., concrete, Roscoe Street.

Calif., Oakland — WAREHOUSE — General Electric Co., Rialto Bldg., San Francisco, having plans prepared brick warehouse addition, 14th Ave. $80,000. Private plans.

Calif., Oakland—DISTRIBUTING PLANT—Mutual Creamery Co., 425 East 11th St., E. Hagstrom, mgr., 425 East 11th St., plans 2 story, U shaped, brick, incl. modern creamery plant, electrically equipped baking plant, etc., on 5½ acre site, East 14th St. $400,000. Engineer and architect not selected.

Calif., Tipton—CREAMERY—Alfred Ice Cream Co., c/o W. Mellema, archt., 1018 Central Bldg., Los Angeles, plans probably rein.-con. creamery. To exceed $100,000.

Ont., London — FACTORY — Canadian Kellogg Co., F. Gordon, mgr., plans factory addition and installing additional equipment for manufacturing corn flakes. $250,000.

Ont., Niagara Falls—FACTORY—Kardex Rand Co., Bender Hill, having plans prepared by E. Carlson, 374 Main St., Tonawanda, N. Y., factory, addition, here. $200,000.

Ont., Niagara Falls—FACTORY—Canadian Shredded Wheat Co. Ltd., having plans prepared 3 or 4 story, rein.-con., brick and steel addition, plain foundation. Lewis Ave. $200,000. H. E. Ramson & E. T. Webster, 424 Buffalo Ave., Niagara Falls, N. Y., engrs. Noted Jan. 13.

Ont., Toronto — FACTORY — Link-Belt Ltd., 265 Wellington St. W., having plans prepared by Ewart, Armer & Byam, 36 Toronto St., 1 and 2 story, rein.-con., brick and steel, plain foundation, Eastern Ave. $150,000-$200,000.

Ont., Toronto—FACTORY and WAREHOUSE—Canadian Wirebound Boxes Ltd., 1000 Gerard St. E., having plans prepared 120,000 sq.ft. floor space, rein.-con., brick and steel, plain foundation, West Toronto. $200,000. Private plans.

Bids Desired

Mass., Cambridge (Boston P. O.)—WAREHOUSES and BOILER HOUSE—H. F. Stimson, 10 Temple St., taking bids two 1 story, 120 x 215 ft., and 150 x 215 ft. warehouses, and 2 story 25 x 50 ft. boiler house, brick, plain foundation, Sydney and Emily Sts. Monks & Johnson, 99 Chauncy St., Boston, engrs.

Mass., Needham—SUB-STATION—Edison Electric Illuminating Co., 39 Boylston St., Boston, taking bids Sub-Station 148, 1 story, rein.-con., brick and stone, Chestnut St. $40,000 or more. Bigelow & Wadsworth, 3 Hamilton Pl., Boston, archts.

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Buildings—Industrial (Continued)

Mass., Watertown—REPAIR SHOP and SALESROOM — K. Duffy, 15 Hunnewell Ave., Brighton, taking bids 1 story, rein.-con. and brick, North Beacon St., here. $40,000. Desmond & Lord, 1 Beacon St., Boston, archts.

R. I., Providence—PLANT—New England Auto Radiator Wks., 56 Federal St., taking bids 1 and 2 story brick addition. $40,000. F. Chiaverini, 32 Bway., archt.

Conn., Bridgeport — ELECTRIC SUB-STATION—Connecticut Co., 185 Church St., New Haven, taking bids 1 story, 40 x 85 ft., brick and steel, here. $40,000. R. W. Foote, 185 Church St., New Haven, archt.

Conn., Bridgeport—PLANT—Holbrook-Henry Brewster Corp., 1720 Fairfield Ave., taking bids 5 story, rein.-con., brick and steel, Fairfield Ave. $160,000. Fletcher-Thompson Inc., 542 Fairfield Ave., archts. Noted Jan. 13.

Pa., St. Marys — CLAY PRODUCTS PLANT—St. Marys Sewer Pipe Co. taking bids 1 story, approximately 300 x 300 ft., brick and steel plant. $250,000. C. A. Searing, Farmers Bank Bldg., Pittsburgh, engr.

Md., Baltimore — MANUFACTURING, etc. — Feb. 1, by Clark, MacMullen & Riley, engrs., 101 Park Ave., New York City, N. Y., 3 story, 120 x 180 ft., brick and rein.-con., plain foundation, incl. 56 x 66 ft. power house, Eastern Ave. near 42nd St., here, for Crosse & Blackwell, c/o engineers. $400,000. Noted Nov. 11.

Md., Frederick — BOILER HOUSE, LAUNDRY and GARAGE — Jan. 29, by J. B. Hamme, archt., 31 West Market St., York, Pa., 1 story, 55 x 140 ft., brick, steel and concrete, here, for Hood College.

Md., Hagerstown—LIGHTING PLANT—Feb. 1, by Bd. Street Comrs., brick and steel, plain foundation. L. I. Klauder, Bankers Trust Bldg., Phila., Pa., consult. engr.

Wis., Marshfield — FACTORY — G. A. Krasin, archt., Central Ave., taking bids 2 story, 48 x 80 ft., brick and concrete, plain foundation, for L. F. Diddie, 714 South Central Ave. $40,000.

Neb., Falls City — ICE PLANT — See "Contracts Awarded."

Ark., Little Rock — ICE PLANT — See "Contracts Awarded."

Calif., Colusa—ICE PLANT—Union Ice Co., 354 Pine St., San Francisco, taking bids 1 story, concrete and stucco, Main and 11th Sts. $40,000. Eng. Dept. of Owners, archts. Noted Jan. 6.

Contracts Awarded

Mass., Boston—GARAGE and OFFICE—Standard Oil Co. of New York, 26 Bway., New York City, altering 2 and 1 story, 90 x 122 ft. and 50 x 55 ft. addition, here, to Hardy & Streeter, 12 Pearl St.

Conn., Norwich — SUB-STATION—Connecticut Co., Greenville, 1 story, 90 x 95 ft., brick and steel electric sub-station, to P. F. Sweeney, 25 Chestnut St. Archts. est. to exceed $40,000. Noted Jan. 6.

N. Y., Brooklyn—PLANT—New York & Brooklyn Casket Co., 703 Bedford Ave., 3 story, 50 x 100 ft., rein.-con., brick and steel, plain foundation, Bedford Ave., to I. H. Meyer, 590 Sterling Pl. Archts. est. $100,000.

Pa., Chester—MANUFACTURING—Ballinger & Co., archts., 12th and Chestnut Sts., Phila., 1 story, 80 x 130 ft., rein.-con., brick and steel, plain foundation, Tilghman St., to R. E. Lamb Co., 841 North 19th St., for Stevenson Cold Storage Door Co., Tilghman St. Noted Nov. 11.

Pa., Derry—MANUFACTURING—Westinghouse High Voltage Insulator Co., 1 story, 260 x 460 ft. addition, here, to B. H. Prack, Martin Bldg., Pittsburgh. Engrs. est. $250,00. Noted Jan. 20.

Pa., Phila.—PRINTING HOUSE—Phila. Inquirer, Broad and Callowhill Sts., 4 story and basement, 110 x 115 ft., rein.-con., brick and steel, plain foundation, Buttonwood St., to Roydhouse Arecy Co., 112 North Broad St.

Pa., Phila.—LAUNDRY—H. M. Wilson, engr., 20 South 15th St., 1 story and basement, 54 x 137 ft., brick and steel laundry, plain foundation, 6th and Lehigh Sts., to H. Gill, Jr., 2515 Germantown Ave., for Tremont Laundry Co., 629 West York St. Noted Dec. 30.

Pa., Phila. — PRINTING PLANT — J. Brennan Co., 1632 Meadow St., 1 story and basement, 68 x 120 ft., rein.-con., brick and steel, plain foundation, Jasper and Buckins Sts., to W. F. Lutz, Frankford Ave. and Oxford St.

W. Va., Parkersburg — FACTORY — Parkersburg Rig & Reel Co., 1 story, 125 x 242 ft., brick and steel factory, to Austin Co., 16112 Euclid Ave., Cleveland, O. Archts. est. $100,000.

O., Cleveland—BOILER HOUSE, etc.—Cleveland Electric Illuminating Co., Illuminating Bldg., 1 story, 27 x 61 ft., brick, steel and concrete boiler house, and remodeling factory, 3601 Ridge Rd., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $50,000.

O., Dayton—FACTORY—Delco Light Co., 3rd Natl. Bldg., altering and constructing 2 story, brick and rein.-con. addition, Amelia St., to H. H. Rupe, 3rd Natl. Bldg., $50,000.

O., Toledo—FOUNDRY and PLANT—Southern Wheel Co., Commonwealth Bldg., Pittsburgh, Pa., general contract brick and steel foundry and plant, to A. Bentley & Sons, 201 Belmont Ave. Archts. est. $750,000.

Ind., Ft. Wayne—FACTORY—Wolf Bedding Co., 621 Clinton St., 2 story and basement, 50 x 150 ft., rein.-con., brick and steel, to Wehrenberg & Sons, Farmers Trust Bldg. Archts. est. $43,000. Private plans.

Ind., Indianapolis — FACTORY — Leedy Mfg. Co., 1033 Palmer St., 3 story, 86 x 150 ft., rein.-con., brick and steel factory, to J. R. Curry, 202 Empire Life Bldg. Archts. est. $50,000. Private plans.

Ill., Chicago—BAKERY and WAREHOUSE—Atlantic & Pacific Tea Co., 445 West Pershing Rd., general contract 1 and 4 story, each 80 x 150 ft., rein.-con. and brick, 57th and Grove Sts., to G. Arquette Co., 160 North La Salle St. Archts. est. $200,000.

Ill., Chicago — WAREHOUSE and OFFICE — Superior Supply Co., 327 South La Salle St., general contract 1 and 2 story, 125 x 250 ft., Koster Ave. and 19th St., to R. Regan, 2330 Milwaukee Ave. Archts. est. $160,000.

Ia., Davenport—POWER PLANT—Kohrs Packing Co., 1343 West 2nd St., general contract 2 story, 100 x 100 ft., rein.-con., brick and steel, West 2nd St., to Priester Constr. Co., Kahl Bldg.

Neb., Falls City — ICE PLANT — Nebraska Ice & Cold Storage Co. will build 1 story, 65 x 125 ft., rein.-con. and brick addition, by day labor. $50,000.

Mo., Kansas City—FACTORY—Maurice Realty & Investment Co., c/o Buckley & Van Brunt, archts., 823 Lloyd Bldg., general contract 2 story and basement, rein.-con. and brick addition, 20th and Tracy Sts., to Beckel Constr. Co., 902 Pioneer Bldg. Archts. est. $85,000. Waxide Paper Co., Berkowitz Ave., 20th and Tracy Sts., lessee. Noted Jan. 6.

Mo., St. Louis—GARAGE—I. Weinberg, 816 Chestnut St., 3 story and basement, 60 x 224 ft., rein.-con. and brick, 3656 Washington Blvd., to Harrison-Kopman Constr. Co., 592 Arcade Bldg. Archts. est. $125,000.

Ark., Little Rock — ICE PLANT — Standard Ice Co., 114 South Main St., will build 2 story and basement, 79 x 125 ft., rein.-con., brick, steel and stone, 1101-7, Summit St., by day labor. $40,000.

Tex., Amarillo—ICE PLANT—Badger Ice Co., general contract 1 story, brick, to M. C. Hancock Constr. Co., 1018 West 6th St., $37,500.

Okla., Muskogee—PUBLISHING PLANT—Oklahoma Press Publishing Co., 2 story and basement, 75 x 200 ft., rein.-con. and brick, plain foundation, Wall St., to Manhattan Constr. Co., Muskogee, $150,000. Noted Dec. 9.

Calif., Long Beach—STEAM POWER PLANT—Southern California Edison Co., 306 West 3rd St., Los Angeles, general contract steel and concrete power plant, covering area ¼ mi. long and ¼ mi. wide, to Stone & Webster, Byrne Bldg., Los Angeles; structural steel, to Llewellyn Iron Wks., 1200 North Main St., Los Angeles; turbine, to General Electric Co., Rialto Bldg., San Francisco; condensers, to Westinghouse Electric & Mfg. Co., 1st Natl. Bank Bldg., San Francisco; and boilers, to C. C. Moore Co., Sheldon Bldg., San Francisco. Noted Dec. 30.

Calif., Los Angeles—FURNITURE FACTORY—H. Siskin, 643 West 28th St., 4 story and basement, 140 x 177 ft., rein.-con., Mirasol St., to J. M. Cooper, Rives-Strong Bldg., approximately $170,000.

Calif., San Francisco—FACTORY—Hill-Hubbell Co., 115 Davis St., concrete varnish factory, Army St., to G. Wagner, 181 South Park St. Archts. est. to exceed $40,000. Noted Dec. 13.

Calif., San Leandro—PACKING PLANT and WAREHOUSE — California Packing Corp., 101 California St., San Francisco, 1 story, 60 x 600 ft., brick and timber, to G. Peterson, 1842 Santa Clara St., San Leandro. Noted Dec. 30.

B. C., Vancouver — COLD STORAGE PLANT—Vancouver Ice & Cold Storage Co., 11 Gore Ave., general contract 4 story, 100 x 100 ft., rein.-con., plain or wood pile foundation, Gore Ave., to E. J. Ryan Co., 445 Granville St. $75,000. Noted Feb. 19, 1925.

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Buildings—Educational, Religious

Proposed Work

Me., Winslow—HIGH SCHOOL—Town plans high school. $150,000. Bunker & Savage, 256 Water St., Augusta, archts.

Vt., Middlebury—LIBRARY—Middlebury College, J. A. Fletcher, having sketches made by York & Sawyer, 100 East 42nd St., New York City, for library. $250,000.

Vt., Rutland — CHURCH — Church of Holy Innocents, B. Kelly, pastor, having sketches made by Maginnis & Walsh, 166 Boylston St., Boston, Mass., 1 story and basement church. To exceed $150,000.

Mass., Bolton — CHURCH — Unitarian Church, J. W. Pardee, pastor, Main St., raising $150,000 funds, 1 story and basement, brick and stone church. Engineer and architect not selected.

Mass., Boston — SCHOOL — Commonwealth of Massachusetts, Dept. Educ., State House, having sketches made by Cram & Ferguson, 248 Boylston St., Normal School, 3 story and basement, brick and stone, plain foundation, Commonwealth Ave., Warren and Washington Sts. $600,000.

Mass., Brookline (br. Boston) — HIGH SCHOOL—Town, O. C. Gallagher, supt. schools, plans Junior High School. To exceed $150,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—AERONAUTICAL ENGINEERING — Massachusetts Institute of Technology, E. P. Warner, prof., having plans prepared by Coolidge & Carlson, 89 State St., Boston, 3 story and basement, 60 x 150 ft., brick and limestone, plain foundation, Technology Grounds. $230,000.

Mass., Concord—HIGH SCHOOL—Town, W. A. Hall, supt. schools, plans 2 story and basement high school. To exceed $150,000. Engineer and architect not selected.

Mass., Hopedale — HIGH SCHOOL — Town, School Com., having sketches made by C. R. Whitcher, Beacon Bldg., Manchester, N. H., 2 story and basement, brick, Adess St. $150,000 or more. Noted Oct. 21.

Mass., Malden (br. Boston)—CHURCH—St. Joseph's Roman Catholic Church, P. H. Walsh, pastor, Salem St., having sketches made by C. P. Norton, 15 Exchange St., Boston, 1 story and basement, 60 x 150 ft., brick and limestone, plain foundation, Salem St. $150,000.

Mass., Manchester — HIGH SCHOOL — Town, School Com., plans 2 story and basement high school. $225,000. Engineer and architect not selected.

Mass., Medford (br. Boston) — HIGH SCHOOL—City, C. H. Lowell, Schoolhouse Building Comr., having revised plans prepared by M. A. Dwyer, 1 Beacon St., Boston, 3 story and basement, brick and stone addition to Senior High School, plain foundation, Forest St. $800,000. Noted Jan. 6.

Mass., Wareham — PARISH HOUSE — Church of Good Shepherd, A. L. Fenderson, pastor, High St., raising $150,000 funds, 2 or 3 story and basement, brick parish house. $150,000. Engineer and architect not selected.

Mass., Worcester—PARISH HOUSE—First Universalist Church, 62 Pleasant St., F. F. Butler, in charge, 438 Main St., plans 3 story and basement, brick and stone, Clinton Court. $150,000. Engineer and architect not selected.

Conn., Mansfield—DORMITORY—Mansfield Training School, State Bd. Educ., 277 Main St., New Britain, plans dormitory, here. $200,000. Engineer and architect not selected.

Conn., Norwalk—CHURCH—St. Pauls Parish, L. B. Howell, pastor, having plans prepared by P. L. Fowler, Fitzcharles Bldg., Trenton, N. J., stone church. $300,000.

Conn., Storrs—COLLEGE—Connecticut Agriculture College, State Bd. Educ., 277 Main St., New Britain, plans classroom and administration building, here. $400,000. Engineer and architect not selected.

N. Y., Binghamton—SCHOOL—Bd. Educ. soon takes bids Franklin School, brick, steel and stone, plain foundation. $500,000. Conrad & Cummings, Phelps Bldg., archts. W. W. Chapin, 250 Park Ave., New York City, engr.

N. J., Keyport — SCHOOL — School Bd. plans 2 story school. $225,000. R. L. Wyckoff, mayor. Engineer and architect not selected.

Buildings—Educational, Religious (Cont.)

N. J., Princeton—GYMNASIUM—Princeton University having plans prepared by A. Embury, 150 East 61st St., New York City, 41 x 150 ft., rein.-con., brick and steel addition, plain foundation. $150,000 Noted Dec. 23.

Pa., Bethlehem — ENGINEERING LABORATORY—Lehigh University having plans prepared by Visscher & Burley, 51 Exchange St., New York City, N. Y., James Ward Packard Laboratory, rein.-con., brick and steel, on campus. $1,000,000.

Pa., New Kensington—CHURCH—First Methodist Episcopal Church having plans prepared by P. R. L. Hogner, New Kensington, remodeling and constructing 2 story and basement, 52 x 100 ft. stone addition. $150,000.

Pa., Washington — CHURCH — First Baptist Congregation, R. D. Marriner, chn. building com., takes bids in March, church, College and Wheeling Sts. $200,000. J. C. Fulton & Son, Citizens Title & Trust Bldg., Uniontown, archts. Noted Dec. 2.

Va., Front Royal—SCHOOL—Randolph-Macon Academy plans rebuilding school, recently destroyed by fire. $300,000. H. H. Sherman, field secy.

W. Va., Parkersburg—CHURCH—First Presbyterian Church, c/o B. G. Goodhue, archt., 2 West 47th St., New York City, having plans prepared brick and stone, plain foundation. $300,000.

Miss., Natchez — HIGH SCHOOL — Bd. Educ. having plans prepared by P. L. Krouse, Meridian, 3 story, rein.-con., brick and stone high school. $250,000. Noted Oct. 7.

O., Cincinnati—SCHOOLS—Bd. Educ., Denton Bldg., having plans prepared by Fechkeimer & Ihorst, Schmidt Bldg., two 2 story and basement, brick and rein.-con., plain foundations, one at Harvey St. $150,000, and other at Eastern St. $265,000.

O., Columbus — ART GALLERY — Columbus Gallery of Fine Arts, 492 East Broad St., having plans prepared by C. A. Platt, 101 Park Ave., New York City, stone and marble, East Broad St. $700,000.

Wis., Milwaukee—NURSES HOME—St. Marys Hospital, 144 Lake Dr., takes bids in spring 5 story and basement, rein.-con., brick and stone nurses home. $500,000. O'Meara & Hills, 1705 Arcade Bldg., St. Louis, Mo., archts.

Wis., Milwaukee — CONSISTORY—Wisconsin Consistory, Van Buren and Oneida Sts., plans fireproof consistory, Martin St. $1,000,000. Engineer and architect not selected.

Ia., Fairfield — DORMITORY — Parsons College having plans prepared by C. P. Shockley, 719 Black Bldg., Waterloo, (1st unit) 3 story and basement, brick dormitory. $150,000. Noted Oct. 7.

Minn., Minneapolis—PARISH HOUSE-SACRISTY—Basilica of St. Mary, c/o J. M. Reardon, 1623 Laurel Ave., having plans prepared by Slifer & Abrahamson, 594 Endicott Bldg., St. Paul, 3 story and basement, 44 x 109 ft., rein.-con., brick and stone parish house; also 1 story, 28 x 32 ft., granite and stone sacristy, 17th St. N. between Hennepin and Laurel Aves. $150,000.

Minn., Minneapolis—PARISH HOUSE—Westminister Presbyterian Church, J. E. Bushnell, 12th St. and Nicollet Ave., having plans prepared by Magney & Tusler, 126 South 9th St., 2 story and basement, rein.-con., brick and stone parish house, auditorium, gymnasium, etc., 12th St. and Nicollet Ave. $200,000.

Minn., St. Paul—HIGH SCHOOL and RESIDENCE—Archdiocese of St. Paul, c/o A. Dowling, takes bids in spring 2 story and basement, 30 room, rein.-con., brick and stone high school, also 3 story, brick and concrete residence. $400,000. O'Meara & Hills, 1705 Arcade Bldg., St. Louis, Mo., archts.

Mo., St. Louis—CHURCH and COMMUNITY CENTER—St. Johns Methodist Episcopal Congregation, I. L. Holt, pastor, 5,000 Washington Ave., having preliminary plans prepared rein.-con., brick and stone, Washington Ave. near Kingshighway. $200,000.

Tex., Amarillo — HIGH SCHOOL — Bd Educ., W. N. Burnham, pres., takes bids about Feb. 1, 3 story, 120 x 208 ft., rein.-con. and brick, plain foundation. $300,000. E. F. Rittenberry, 303 Blackburn Bldg., archt.

Tex., Amarillo—CHURCH—First Baptist Church, T. C. Cotton, chn. Building Com., 115 West 6th St., plans probably rein.-con., steel and stone church. $300,000. Engineer and architect not selected. Noted Sept. 30.

Tex., Brenham—HIGH SCHOOL—Voted $180,000 bonds, new high school, and improving present building. Address Bd. Educ. Noted Jan. 6.

Calif., Fresno—CATHEDRAL—Episcopal Diocese of San Joaquin, St. James Cathedral, having preliimnary plans prepared by B. G. McDougall, 353 Sacramento St., San Francisco, cathedral, N and Fresno Sts. $150,000.

Calif., Los Angeles—CHURCH—Church of Immaculate Conception having plans prepared by A. C. Martin, Higgins Bldg., brick and steel, 9th and Green Sts. To exceed $150,000.

Calif., Modesto — HIGH SCHOOL — Modesto City School Dist., plans election $150,000 or more bonds, fireproof addition, incl. gymnasium, auditorium, etc. Davis-Pearce Co., Grant and Weber Sts., Stockton, archts.

Calif., Riverside—HIGH SCHOOLS—Bd. Educ. having preliminary plans prepared by A. W. Rea & C. E. Garstang, Pacific Southwest Bank Bldg., Los Angeles, Junior High School, and by J. C. Austin & F. M. Ashley, Chamber of Commerce Bldg., Los Angeles, another Junior High School, both rein.-con., incl. auditoriums, etc. $175,000 each. Noted Dec. 30.

Calif., Riverside — HIGH SCHOOL — Riverside Junior High School Dist. having plans prepared by Marston, Van Pelt & Maybury, Pasadena, Junior High School, rein.-con. and stucco. $325,000.

Calif., San Francisco—SCHOOL—City and San Francisco Co. having plans prepared by J. Reid, Jr., 60 Sansome St., fireproof annex, Folsom and Tompkins Sts. $150,000.

Ont., Windsor — COLLEGIATE — Bd. Educ. having plans prepared by Cameron & Ralston, Bartlett Bldg., 3 story, rein.-con., brick and steel, plain foundation. $300,000.

Bids Desired

Conn., Farmington—SCHOOL—Feb. 10, by Town, T. F. Rourke, chn., 2 story and basement, brick, white stone and steel, incl. domestic science and manual training, Staples Site. $160,000. School Plan Service Bureau, 363 Main St., Middletown, archts. Noted Oct. 28.

N. Y., New York—HIGH SCHOOL—Feb. 23, by W. H. Gompert, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, general contract DeWitt Clinton High School, Mosholu Parkway between Gaynor and Sedgewick Aves., Bronx Boro, for Bd. Educ., 500 Park Ave. Noted Dec. 2.

Pa., Phila.—HIGH SCHOOL—Feb. 1, by Bd. Educ., J. D. Cassell, supt. buildings, Junior High School, 3 story and basement, 183 x 291 ft., rein.-con. and brick, plain foundation, Cottman and Loretto Sts. $1,000,000. I. T. Catharine, 19th and Chestnut Sts., archt.

Md., Baltimore—SCHOOL and AUDITORIUM—Feb. 1, by H. I. Kavanagh, archt., 913 North Calvert St., 2 story and basement, 60 x 160 ft. school, and 2 story, 60 x 108 ft. auditorium, both brick and steel, Brendan St. and Belair Rd., for St. Theresa Roman Catholic Church. T. J. Wheeler, pastor, Mt. Road and Lafayette Aves. $200,000.

Md., Baltimore — SCHOOL and CONVENT—Feb. 3, by J. K. Stack, archt., 308 East Lafayette Ave., 3 story, steel and stone, Caroline and Oliver Sts., for St. Pauls Roman Catholic Church. M. F. Foley, pastor, Caroline and Oliver Sts. $150,000. H. F. Doeleman, 516 North Charles St., engr.

O., Akron—SCHOOL—Feb. 25, by Bd Educ., for Spicer School, 2 story and basement, 65 x 218 ft., brick and steel, Carroll St. $250,000. M. M. Konarski, Central High School Bldg., archt. and engr.

O., Westview (br. Zanesville) — HIGH SCHOOL—Feb. 5 (extended date), by Bd. Educ., A. S. Owens, pres., Dresden Rd., Zanesville, 3 story and basement, 100 x 136 ft. high school. P. T. Cahill, 1100 Keith Bldg., Cleveland, archt. Noted Jan. 6.

Mich., Birmingham—LIBRARY—Feb. 7, by Library Bd., 2 story and part basement, rein.-con., brick, stone and steel, plain foundation, Baldwin Ave. $175,000. Noted Apr. 29.

Mich., Flint—SCHOOL—Feb. 2, H. L. Hills, bus. mgr. Bd. Educ., 909 Flint P. Smith Bldg., 2 story and basement, rein.-con., brick and steel addition to Zimmerman School, plain foundation, Downey and Brown Sts. $200,000. Malcolmson & Higginbotham, 1217 Griswold St., Detroit, and 909 Flint P. Smith Bldg., archts.

Wis., Cudahy—GYMNASIUM—Feb. 12, by School Bd., J. Heffron, pres., 3 story, 72 x 108 ft., brick, tile and concrete addition to high school, plain foundation. $150,000. Rosman & Wierdsma, 490 Bway., Milwaukee, archts. Noted Dec. 16.

Wis., Madison—CHEMISTRY—Feb. 14, by University of Wisconsin, J. D. Phillips, bus mgr., 4 story, 60 x 200 ft., rein.-con., brick and steel, plain foundation, on campus. $200,000. A. Peabody, State Capitol, archt. Noted Dec. 16.

Wis., Milwaukee — CHURCH and SCHOOL—Feb. 1, by Herbst & Kuenzli, archts., 130 Grand Ave., 2 story and basement, brick and tile addition, plain foundation, Atwater Rd., for St. Roberts Congregation, 1327 Farwell Ave. $150,000. Noted Jan. 6.

Wis., Whitewater—HIGH and GRADE SCHOOL—Feb. 24, by Bd. Educ., G. J. Bonnett, clk., 3 story and basement, 86 x 182 ft., brick and tile, plain foundation. $175,000. E. J. Hancock, Lacock Bldg., Eau Claire, archt. Noted Dec. 30.

Ia., Ames — DORMITORY — Feb. 3, by State Bd. Educ., W. H. Gemmill, secy., Des Moines, 3 story, rein.-con. and brick here, for Iowa State College, Ames. $150,000. Proudfoot, Rawson & Souers, 810 Hubbell Bldg., Des Moines, archts. Noted Dec. 30.

Mo., Kansas City—NURSES HOME—St. Mary Hospital, 2800 Main St., and Wilkerson & Carns, archts., Interstate Bldg., taking bids 3 story and basement, 97 x 105

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Buildings—Educational, Religious (Cont.)

ft., rein.-con. and brick, 20th and Main Sts. $250,000. Noted May 20.

Tex., Amarillo—HIGH SCHOOL—Feb. 1, by E. F. Rittenberry, archt., 303 Blackburn Bldg., 3 story, 120 x 208 ft., brick, stone and rein.-con., 137 Polk Sts., for W. N. Burnham, $300,000.

Ont., York—HIGH SCHOOL—Feb. 3, by C. E. Webster, secy. York High School Bldg., 93 Guestville Ave., Mt. Dennis, 3 story, brick, rein.-con. and steel, plain foundation. $175,000.

Bids Received

Mass., Taunton — SCHOOL — City, Jan. 10, 2 story and basement addition, Cohannet and High Sts., from L. M. Witherell & Sons, 29 Court St., $205,931. Noted Dec. 9.

N. J., Atlantic City—HIGH SCHOOL—Bd. Educ., Jan. 19, general contract 3 story, brick addition to Junior High School, Pacific Ave., from S. H. Headley, Guarantee Trust Bldg., $194,900.

Ind., Indianapolis — HIGH SCHOOL — School Comrs., 150 North Meridian St., general contract Shortridge High School, rein.-con., brick and steel, 34th and Meridian Sts., from H. R. Blagg Co., 1229 East 3rd St., Dayton, O., $848,900. Noted Dec. 30.

Tex., McAllen — HIGH SCHOOL — Bd. Educ., Jan. 12, 3 story and part basement, 125 x 200 ft., brick and stone, plain foundation, from E. Oeffinger, c/o Builders Exch. Bldg., San Antonio, $187,890. Noted Jan. 6.

Contracts Awarded

Mass., Arlington—CHURCH—St. James Roman Catholic Church, M. J. O'Connor, pastor, 1 story and basement, 110 x 155 ft., rein.-con., plain foundation, Appleton St. and Appleton Pl., to J. M. Dolan, 237 Bway., Boston. Archts. est. $150,000.

Mass., Boston—SCHOOL—City, Schoolhouse Dept., altering and constructing 1 and 2 story and basement, 50 x 110 ft., brick and limestone addition, plain foundation, Staniford, Norman and South Margin Sts., to J. Bowen Co., 184 Dudley St., Roxbury, $145,000. Noted Jan. 13.

Mass., Taunton — SCHOOL — City, for Cohannet School, 2 story and basement, 75 x 125 ft., brick and stone, plain foundation, Cohannet and High Sts., to L. M. Witherell & Sons, 29 Court St., $205,931.

Conn., Hartford—CHURCH—St. John's Church, W. T. Hooper, pastor, altering and constructing 1 and 2 story brick and stone addition, Farmington Ave., to A. F. Peaslee, 15 Lewis St. Archts. est. $150,000. Noted Aug. 5.

Conn., Stamford—HIGH SCHOOL—City, F. B. Bartram, chn., for high school, Strawberry Hill, to E. & F. Constr. Co., 94 Wells St., Bridgeport. Noted Jan. 13.

N. Y., Buffalo — HISTORICAL — City Council, general contract 2 wings Buffalo Historical Society Building, Delaware Park, to W. E. Goat, 44 LeRoy Ave., $218,528.

N. J., Trenton—CHURCH—St. Peters and Paul Church, 1 story, brick and steel, 2nd and Cass Sts., to J. P. Hallahan, 2315 Walnut St., Phila., Pa., $150,000. Noted Aug. 5.

Pa., Haverford—HALL—Haverford College, F. Palmer, Jr., dean, general contract 2 story and basement, 35 x 170 ft. stone addition, to F. E. Wallace, 337 South Camac St., Phila. Archts. est. $200,000.

Del., Wilmington — CHURCH — St. Thomas Roman Catholic Church, A. Lynch, pastor, 1 story, basement and gallery, 76 x 135 ft., stone and steel, plain foundation, 4th St. and Grant Ave., to J. E. Healey, 707 Tatnall St., $158,000.

D. C., Wash. — HIGH SCHOOL — Dist. Comrs., District Bldg., addition to Langley Junior High School, to C. H. Tompkins Co., 1618 Park Rd. N. W., $369,400. Noted Jan. 13.

S. C., Columbia—HIGH SCHOOL—City, high school, to Mechanics Constr. Co., Carolina Bank Bldg., $180,652; heating and plumbing, to W. B. Guimarin & Co., 1224 Sumter St., $28,900.

La., Gretna—HIGH SCHOOL—Jefferson Parish School Bd., J. C. Ellis, supt., general contract 2 story and basement, rein.-con., brick and stone, pile foundation, to H. W. Bond & Bro., 2001 Louisiana Ave., New Orleans, $144,715. Noted Dec. 23.

O., Cuyahoga Falls—HIGH SCHOOL—City, 3 story and basement Junior High School annex, incl. cafeteria, music room, swimming pool, and auditorium, North 4th St., to C. W. Shimp, Martins Ferry, $255,000.

O., Cuyahoga Falls—HIGH SCHOOL—Bd. Educ., general contract 2 story, brick and steel addition, to C. W. Shimp, Martins Ferry, $180,000; heating, to Kraus Plumbing & Heating Co., 92 Ash St.; $37,212.

O., Hartville—SCHOOL—Stark Co. Bd. Educ., 2 story and basement school, to A. F. Wendling Co., Massillon, $95,000. Noted Dec. 30.

O., Jeromeville — SCHOOL — Bd. Educ., J. Kyler, clk., 2 story and basement, 110 x 126 ft., brick, steel and concrete, to C. Heintzelman, 975 North Bway., New Philadelphia. Archts. est. $175,000.

Wis., Wausau—CHURCH and SCHOOL—First Presbyterian Congregation, 408 Grant St., 2 story and basement, irregular shaped, sandstone and Bedford stone, plain foundation, to F. W. Krause, 1018 3rd St. Archts. est. $275,000. Noted Nov. 4.

Calif., San Francisco—LABORATORY—Curtis & Tompkins (Industrial Chemists), 331 California St., 4 story and basement, concrete, Front St. near California St., to J. H. Hjul, 128 Russ St.

Federal Government Work

Proposed Work

N. J., Montclair—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., revoked contract for U. S. Post Office, here. Noted Dec. 30.

Fla., Jupiter—Boat House and Wharf—Spec. 5291—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans boat house and wharf at Naval Radio Station, here.

Md., Annapolis — School — Spec. 5308 — Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids Dec. 22, altering post graduate school at Naval Academy, here. Noted Dec. 30.

Fla., Jupiter—Garage, Storehouse and Washhouse—Spec. 5292—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans combination garage, storehouse and washhouse, here.

Neb., Mitchell—Operating House—Bureau Reclamation, Custom House, Denver, Colo., rejected bids Nov. 15, concrete operating gate house, on north spillway of Guernsey Dam, here. Noted Dec. 9.

Bids Desired

Mass., Bedford—Hospital—Mar. 1, by U. S. Veterans Bureau, Arlington Bldg., buildings, roads, walks, drainage, etc., at U. S. Veterans Hospital, here. Noted Dec. 30.

Mass., Boston—Pipe, etc.—Feb. 2, by Bureau Supplies & Accounts, Navy Dept., Wash., D. C., brass pipe and transformers at Navy Yard, here.

N. Y., Fort Lafayette — Wharf — Spec. 5313—Feb. 9, by Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs and improvements to timber wharf at Naval Ammunition Dept., here.; adv. E. N.-R. Jan. 27.

N. Y., Yonkers—Post OFFICE—Feb. 23, by Treas. Dept., at office Supervising Archt., Wash., D. C., U. S. Post Office, here; adv. E. N.-R. Jan. 27.

N. J., Fort Mott (mail Salem)—Sewer—Feb. 8, by U. S. Engineer Office, Phila., Pa., 36 in. sewer and abutments in Killcohook disposal area, Lower Penns Neck Twp., Salem Co., near here.

Miss., Pelahatchie — Feb. 8, by Town Council, waterworks, incl. 6 in. well, deep well pumping equipment, one 250 and one 750 g.p.m. centrifugal pumps, 75,000 gal. elevated tank, 50,000 gal. steel or concrete reservoir, pump house, mains, etc. $40,000. W. B. Montgomery, R. H. Henry Memorial Bldg., Jackson, engr.

Tex., Wichita Falls—Waterpiping—Feb 18, by Treas. Dept., at office Supervising Archt., Wash.. D. C., waterpiping at U. S. Post Office, here. Former bids rejected. Noted Dec. 23.

Wash., Tatoosh — Radio Masts — Spec. 5284—Feb. 23, by Bureau Yards & Docks, Navy Dept., Wash., D. C., radio masts at Naval Radio Station, here.

Calif., Mare Island—Elevators—Spec. 5289—Mar. 2, by Bureau Yards & Docks, Navy Dept., Wash., D. C., passenger elevators at Navy Yard Hospital, here. Noted Jan. 20.

Calif., San Diego—Buildings—Spec. 5148—Mar. 16, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 6 buildings, at Naval Operating Base (Hospital), here; adv. E. N.-R. Jan. 27. Noted Jan. 6.

Bids Received

N. Y., New York—Dredging—U. S. Engineer Office, 71 Army Bldg., 39 Whitehall St., Jan. 20, dredging and rock removal in East River, from Arundel Corp., foot Fulton St., Brooklyn, $293,435. Noted Dec. 23.

N. Y., Sunmount—Sewer—U. S. Veterans Bureau, Wash., D. C., sewer line at U. S. Veterans Hospital, here, from V. Shiavi, Buffalo, $47,450 (150 days).

D. C., Wash.—Ceiling—Treas. Dept., at office Supervising Archt., repairing ceiling in East Portico Treasury Building, from Granite Plastering & Waterproofing Co., Wash., $6,200. Noted Jan. 6.

D. C., Wash.—Retaining Walls, etc., U. S. Veterans Bureau, Arlington Bldg., Jan. 18, retaining walls and grading at U. S. Veterans Hospital 32, Mt. Alto, from Concrete Oil Tank Co., Mills Bldg., $24,206 (100 days). Noted Dec. 30.

Fla., Jupiter—Radio Tower—Spec. 5288—Bureau Yards & Docks, Navy Dept., Wash., D. C., 150 ft. steel radio tower and concrete footings at Naval Radio Station, here, from Electrical Contg. Co., 844 Rush St., Chicago, $3,983. Noted Dec. 16.

Mont., Missoula — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., Jan. 14, extension to U. S Post office, here, from W. MacDonald Contr. Co., Syndicate Trust Bldg., St. Louis, Mo., $158,700. Noted Dec. 9.

Okla., Muskogee—Heating Work—U. S. Veterans Bureau, Wash., D. C., heating work at U. S. Veterans Hospital, here, from Redmon Heating Co., 146 North 4th St., Louisville, Ky., $8,880.

Calif., San Diego—Buildings—Spec. 5202—Bureau Yards & Docks, Navy Dept., Wash., D. C., Jan. 19, storage and shop buildings at Naval Operating (Destroyer Base), here, from Welch & Fritz, 403 Bancroft Bldg., $40,176. Noted Dec. 30.

Contracts Awarded

N. Y., New York—Alterations—U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., alterations in Building 3, Hospital 81, Bronx Boro, here, to W. Pearce, 421 7th Ave., $5,200. Noted Jan. 20.

N. Y., New York—Dredging—U. S. Engineers Office, Whitehall Bldg., New York City, dredging in New York and New Jersey Channels, Area 4, to Great Lakes Dredge & Dock Co., 17 Battery Pl., $252,947; Areas 5 and 6, to be done by government.

Va., Richmond—Piping—Treas. Dept., at office Supervising Archt., Wash., D. C., piping at U. S. Post Office, here, to C. J. Gleason, Augusta, Ga., $3,950. Noted Dec. 23.

Tenn., Memphis — Survey Boat — Mississippi River Comn. Dredging Dist., P. O. Box 1017, diesel sternwheel survey boat, to C. Ward Engine Wks., South Side, Charleston, W. Va., $113,500. Noted Sept. 30.

Ky., Louisville—Operating Machinery—U. S. Engineer Office, P. O. Box 72, operating machinery for Locks 47, 50, 51, 52 and 53, in Ohio River, to H. P. Gazzam Machine Co., 3200 Penn St., Pittsburgh, Pa. $89,950. Noted Dec. 9.

Wis., Madison—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., 3 story, stone U. S. Post Office and Courthouse, here, to Murch Bros., Constr. Co., Railway Exch. Bldg., St. Louis, Mo., $557,000. Noted Jan. 13.

S. D., Hot Springs — Water Softening Plant—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., water softening plant at National Home for Disabled Volunteer Soldiers, Battle Mountain Sanitarium, here, to Pittsburgh Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., $17,480. Noted Oct. 28.

Tex., Sabine Pass—Jetty—U. S. Engineer Office, Galveston, extending west jetty, here, to J. DePuy, Builders Exch. Bldg., San Antonio, $940,998. Noted Oct. 21.

Colo., Denver — Gate Hoists — Bureau Reclamation, gate hoists in Grand Valley Project, Colorado and Klamath Project, Oregon-California, items 1 and 2, to Foote Bros. Gear & Machine Co., 430 North Oakley St., Chicago, Ill., $924 and $934 respectively; items 3 and 4, to Omaha Steel Wks., 4802 Leavenworth St., Omaha, Neb., $960 and $750 respectively; and item 5, to United Iron Wks., 580 2nd St., Oakland, Calif., $180. Noted Nov. 4.

Colo., Denver — Switching Towers — Bureau Reclamation, Dept. Interior, E. Mead, comr., 2 switching towers for Guernsey Power Plant, North Platte Project, Nebraska-Wyoming and Minidoka Power Plant, Idaho, items 5 and 11, to Pacific Electric Mfg. Co., 5815 3rd St., San Francisco, Calif., $66 and $13.20 respectively; and items 1 and 2, to Pacific Coast Steel Co., Rialto Bldg., $808 and $1,186 respectively. Noted Nov. 18.

Arizona—Road—C. H. Sweetser, dist. engr. Bureau Pub. Rds., Dept. Agriculture, Grand Canyon, grading, Grand Canyon Highway Project, in Grand Canyon

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Federal Government Work (Continued)

Natl. Park, Coconino Co., to J. Vallandingham, 188 H St., Salt Lake City, Utah, $258,527. Noted Jan. 6.

Calif., San Diego — Road, etc. — Spec. 5211—Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete road and terra cotta drains at Naval Operating (Destroyer) Base, here, to R. E. Burgund, 806 Roder Dr., Beverly Hills, $9,995. Noted Jan. 20.

Calif., San Diego—Solarium—Spec. 5281—Bureau Yards & Docks, Navy Dept., Wash., D. C., solarium on nurses quarters Naval Operating Base Hospital, here, to J. A. Hunt, 4123 44th St., San Diego, $2,993. Noted Jan. 6.

Calif., San Francisco—Dredging—U. S. Engineer Office, 85 2nd St., dredging in Suisun Channel, to San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, $11,343. Noted Jan. 6.

T. H., Pearl Harbor—Pier—Spec. 5210—Bureau Yards & Docks, Navy Dept., extending pier at Naval Operating Base, to L. L. McCandless, Honolulu, $227,200 (330 days). Noted Dec. 2.

Unclassified

Proposed Work

Bulkhead—Boston, Mass.—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Swimming Pool — Boston, Mass. — See "Building-Commercial."

Underpass — Middletown, Conn. — See "Streets and Roads."

Pump House, etc. — Norwich, Conn. — Standard Oil Co. of New York, 26 Bway., New York City, making plans pump house, loading platform and warehouse on bank Thames River, here. Private plans.

Land Development—Greenwood, Miss.—Greenwood Country Club Realty Co., J. R. Bingham, mgr., plans developing 160 acre tract for business and residential purposes, incl. sewers, waterworks, streets and roads. Abbott Eng. Co., Greenwood, engrs.

Produce Terminal—Cleveland, O.—Northern Ohio Food Terminal, Inc., C. Hass, pres., 562 Bway., having plans prepared by J. H. Graham & Co., 1610 Euclid Ave., brick, steel and concrete, Orange, Woodland, East 37th and East 40th Sts. $2,000,000.

Gas and Electric Line—Mason City, Ia.—Peoples Gas & Electric Co. plans improvements and pole line extensions. $137,000. F. J. Hanlon, mgr.

Light and Power Unit—New Ulm, Minn.—City, W. Backer, clk., making plans one 900 kw. unit in electric light and power plant. $50,000.

Street Lighting—St. Paul, Minn.—Plans ornamental lighting system on West 7th St. between Tuscarora St. and Fort Snelling Bridge approach, and Ft. Snelling Bridge approach between West 7th St. and the bridge, $60,000; also Snelling Ave. between University and Como Aves., $30,000. G. M. Shepard, city engr.

Stadium—Grand Forks, N. D.—University of North Dakota having plans prepared by T. B. Wells, associated archt., and soon takes bids rein.-con., brick and stone stadium, 20,000 seating capacity, on campus. $300,000. W. H. Wheeler, 1110 Metropolitan Life Bldg., Minneapolis, Minn., engr. Noted Oct. 7.

Swimming Pool — Great Falls, Mont. — Plans swimming pool, incl. 2,890 cu.yd. concrete, 8 tons reinforcing, bath houses, etc., near Missouri River. $35,000. M. L. Morris, city engr.

Automobile Speedway, etc. — Bridgeton, Mo.—St. Louis Speedway & Fair Assn., c/o R. E. Lee, 3124 A Locust St., St. Louis, making preliminary plans automobile speedway, incl. stands, track, pits and auxiliary buildings, aviation field, incl. hangars, etc.; and fair grounds, at Bridgeton Sta., St. Louis Co. $700,000 or more. Private plans.

Stadium—Warrensburg, Mo.—See "Bids Desired."

Subway—Little Rock, Ark.—Making preliminary plans subway at Thayer Ave. and 7th St., incl. 9,000 cu.yd. excav., 1,000 sq.yd. concrete paving, 1,200 cu.yd. rein.-con. work, 10,888 cu.yd. fill, etc. $45,000. E. E. Stansberry, City Hall, engr.

Townsite — Olmito (mail Brownsville) **Tex.**—See "Streets and Roads."

Land Development—San Angelo, Tex.—O. C. Kennison soon takes bids sub-division at Crane, near here, incl. waterworks $25,000, paving $50,000, sewers $30,000, and miscellaneous work $30,000. Private plans.

Land Development—San Benito, Tex.—W. B. Kinkley & associates soon take bids improving sub-division near here, paving $25,000, sewers $25,000, and watermains $25,000. Private plans. Noted Nov. 11.

Athletic Pavilion—Seattle, Wash.—University of Washington, D. Meisnest, 4405 4th St. N. E., chn. building com., had plans prepared and soon takes bids athletic pavilion, on campus. $500,000.

Gas System—Long Beach, Calif.—Plans election $1,250,000 bonds, extending gas system, incl. 16,000,000 cu.ft. gas holder $750,000, and balance for pipe lines.

Lighting System—Los Angeles, Calif.—Bd. Pub. Wks. takes bids about Feb. 14, ornamental lighting system on Pico and Highland Ave. Lighting Dist.; also Citrus and Melrose Ave. Lighting Dist., to exceed $25,000. J. C. Shaw, City Hall, engr.

Wharf, Ferry Slip and Trestle—Richmond, Calif.—Richmond-San Rafael Ferry Co., Point Castro, plans wharf, ferry slip, and trestle at Point San Quentin. $250,000.

Pier—Ventura, Calif.—See "Buildings—Commercial."

Bids Desired

Elevators—Boston, Mass.—Feb. 2, by Pub. Buildings Dept., City Hall, 2 electric passenger elevators in City Hall. $25,000. J. P. Englert, supt.

Fire House, etc.—Helmuth, N. Y.—Feb. 16, by Commissioner Mental Hygiene, Capitol, Albany, building for housing fire apparatus, altering existing buildings, automatic fire sprinklers, and fire alarm system, at Gowanda State Homeopathic Hospital, here; adv. E. N.-R. Jan. 27.

Transmission Line — Mississippi — See "Contracts Awarded."

Wharf Barge—St. Paul, Minn.—Feb. 7, by A. E. Eggert, city purch. agt., 45 x 214 ft. steel wharf barge, incl. house and pumping equipment. G. M. Shepard, city engr.

Athletic Field and Stadium—Warrensburg, Mo.—Feb. 1, by Central State Teachers College, c/o Committee on Stadium & Athletic Field, grading and draining field; also plans rein.-con. stadium. $100,000. Private plans.

Foundation—Sherman, Tex.—Kidd-Key College, c/o E. Spurlock, pres., taking bids and open same about Feb. 1, plain foundation and excavation for 3 story, 132 x 188 ft., rein.-con., brick, stone and granite administration building. Clyce & Rolfe, 306 Commercial Bank Bldg., archts. Noted Dec. 30 under "Buildings—Educational, Religious."

Power Plant Equipment—Calgary, Alta — Electrical Engineers Ltd., taking bids turbine plant, incl. boilers, turbines, condensers, pumps and generators 3 phase, 2,200 volt, 60 cycle 500 kva. and 300 kva.

Bids Received

Memorial—New Britain, Conn.—City, A. G. Kimball, chn. World War Memorial, from Gennamo Bros., Inc., 66 North Washington Ave., Bridgeport, monument with (a) Indiana limestone shaft and parapet with granite base at Walnut Hill Park, Bethel White Granite $172,072 (a) $154,500, Connecticut White Granite $170,600 (a) $151,000, or Concord White Granite $181,700 (a) $161,500. Noted Jan. 6.

Plumbing and Fire Protection System—Phila., Pa.—Dept. City Transit, H. E. Ehlers, dir., Jan. 20, plumbing and fire protection systems for shop buildings, Fern Rock Yard, Broad St. Subway, from Bulman Bros., 5th and Cumberland Sts., $67,507. Noted Jan. 13.

Grain Elevator — Kansas City, Mo. — Wabash R.R. Co., R. H. Howard, ch. engr., Ry. Exch. Bldg., St. Louis, general contract rein.-con. elevator, from James Stewart Constr. Co., 408 Pine St., St. Louis. Archts. est. $250,000.

Contracts Awarded

Tunnel—Boston, Mass.—Pub. Wks. Dept., Water Div., concrete tunnel with steel pipe shafts under New York, New Haven & Hartford R.R. and Boston & Albany R.R. tracks at Arlington Sq., to Simpson Bros. Corp., 77 Summer St., $100,000. Former contract rescinded. Noted Sept. 30.

Foundation—Bridgeport, Conn.—United Illuminating Co., 1115 Broad St., concrete pile foundation for hydro-electric plant, East Main St., to Foundation Co., 120 Liberty St., New York City. Archts. total est. $700,000. Noted Jan. 13 under "Buildings—Industrial."

Borings — Corona (Ind. sta. Flushing) **N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, additional borings on site of Corona Yard, Queens Boro, Agreement "FE," to Osborne Drilling Co., 122 Greenwich St., New York City, $3,548. Noted Dec. 30.

Grade Crossing Elimination—Phila., Pa.—S. T. Wagner, ch. engr. Reading Co., 522 Reading Terminal Bldg., grading, removing buildings, constructing retaining walls, overhead foot bridge, etc. between Wissahickon Creek and Haines St. for elimination grade crossings along Norristown Branch between Wissahickon Creek and Fountain St., Contr. 7, to Brown King Constr. Co., Commercial Trust Bldg. Noted Dec. 9.

Transmission Line—Mississippi—Mississippi Power Co., Gulfport, will build 26 mi. 44,000 volt transmission line from Louisville to Philadelphia, incl. 45 ft. creosoted pine poles single, double arm pin type insulators with telephone line, also right-of-way, by day labor. $83,200. Material purchased. Private plans.

Lighting System—Los Angeles, Calif.—Los Angeles Co., ornamental lighting system on Allen Ave., etc., Co. Impvt. 588, to D. S. McEwen, Box 364, Ocean Park, $67,475. Noted Jan. 20.

Materials

Proposed Work

Sand, etc.—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rejected bids Jan. 13, 30,000 cu.yd. broken stone. Will readvertise. Noted Jan. 6.

Bids Desired

Crossings, Frogs, Structural Steel, etc.—Phila., Pa.—Feb. 7, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 17th and Filbert Sts., crossings, frogs and cross-over, Contr. 21, 1927; also structural steel work for bridges, Contr. 22-1927. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Culvert Pipe—Vinton, Ia.—Feb. 2, at office Auditor Benton Co., 4,868 ft. culvert pipe. M. A. Hall, Vinton, co. engr.

Bridge Lumber, etc.—Algona, Ia.—Feb. 2, by Auditor Kossuth Co., 200,000 ft. bridge lumber, and 7,500 ft. corrugated culvert pipe. H. M. Smith, Algona, co. engr.

Bridge Lumber—Denison, Ia.—Feb. 2, by Auditor Crawford Co., 409,520 ft. full sawed, 25,450 ft. dimension, and 21,900 ft. treated bridge lumber, 3,410 ft. red cedar and 24,075 ft. treated yellow pine piling, 700 butt treated posts, etc. W. J. Wearmouth, Denison, co. engr.

Crushed Stone — Williamstown, Ont. — Feb. 16, by W. T. Bailey, 2,000 cu.yd. crushed stone for Charlottenburgh Twp.

Bids Received

Piles—Sacramento, Calif.—For 435 rein.-con. piles, each 30 ft. long 16 in. sq. for 8 new filter beds at Municipal Filtration Plant, from J. E. Tempest, 1450 44th St., at $32.50 each. Noted July 15 under "Waterworks."

Contracts Awarded

Lead Covered Cable—Boston, Mass.—Transit Dept., 1 Beacon St., 125,400 ft. braid and lead covered cable, to Underground Cable Co., 10 Post Office Sq., $17,188.

Sand, etc.—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to Rosoff Sand & Gravel Corp., 152 West 42nd St., New York City, 15,000 cu.yd. sand, $15,000; Peace Bros., Inc., 57 North Lawrence St., Flushing, 3,000 cu.yd. broken stone $8,220, and 4,000 bags portland cement $2,880; to Moran Bros. Contg. Co., 77 Battery Pl., New York City, 27,000 tons steam ashes, $40,500; to Hastings Pavement Co., 25 Broad St., 100,000 asphalt paving blocks, $9,328; to Standard Oil Co. of New York, 362 7th Ave., New York City, 650,000 gal. road oil $41,680, 400,000 gal. asphaltic binder $30,120, and 3,000 tons asphalt cement $69,750; to Terminal Supply Co., 250 Park Ave., New York City, 25,000 vitr. paving blocks, $1,606; to Warner Quinlan Co., 32 Beaver St., New York City, 400,000 gal. fuel oil $26,200, and to Kelley Springfield Truck & Bus Co., 53 Park Pl., New York City, 11 asphalt motor trucks, $52,811. Grand total $298,095. Noted Jan. 20.

Tar—Trenton, N. J.—Bd. Freeholders Mercer Co., 50,000 gal. tar for cold application, to T. Tobish, Amer. Mechanic Bldg., at $0.194 per gal., total $9,700.

See proposal advertising on page 109

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Engineering News-Record Unit Prices

BRIDGE—TOLEDO, OHIO

Bids were opened by W. B. Guitteau, Dir. Pub. Serv., Jan. 4, (lowest four and highest) for constructing bridge over Swan Creek on South St., from (A) Newton & Baxter, 536 Walbridge Ave., (awarded contract); (B) Berkbile & Sons, 313 Bway.; (C) Moylan & Lasley, 210 Sycamore St.; (D) Miller-Taylor Construction Co.; (E) H. J. Spieker Co. The unit bids are as follows:

	A	B	C	D	E
Remove old span (lump sum)	$150.00	$500.00	$400.00	$100.00	$1,800.00
Maintaining foot traffic (lump sum)	565.00	342.00	600.00	500.00	1,800.00
500 cu.yd. excavation (stone)	1.50	3.42	2.50	3.00	4.60
2,000 cu.yd. excavation, dry	1.00	.86	1.00	1.00	1.50
440 cu.yd. excavation, wet	2.75	2.90	5.00	3.50	11.00
2,000 lin.ft. piling	1.70	1.15	1.50	.80	1.50
200 lin. ft. sheet piling	1.60	3.99	4.00	.60	10.00
9,000 lbs. reinforced steel, ½ in	.04	.04	.06	.048	.052
3,000 lbs. reinforced steel, ⅝ in	.05	.049	.06	.048	.057
1,000 cu.yd. 1-2-4 concrete	11.70	12.66	12.50	16.00	16.00
150 lin. ft. 4 in. soft tile	.25	.34	1.00	.25	.40
40 lin.ft. 4 in. hard tile	.45	.45	1.00	3.00	1.00
60 cu.yd. sand or stone fill	3.00	2.85	3.00	2.80	4.00
300,000 lbs. structural steel	.072	.059	.06	.059	.062
995 cu.yd. 1-2-4 concrete	19.09	22.99	21.50	26.00	31.00
364 sq.yd. 4 in. walk slab	2.76	3.93	3.00	3.00	6.00
425 lin.ft. rail	5.40	7.84	5.00	3.00	10.00
3,300 sq.ft. zinc No. 9 gage	.13	.137	.16	.16	.16
13,500 lb. reinforcing steel ½ in	.04	.043	.06	.048	.052
21,000 lb. reinforcing steel, ⅝ in	.05	.045	.06	.048	.057
20,500 lbs. reinforcing steel, ¾ in	.055	.049	.065	.048	.064
7,000 sq.ft. wire mesh	.07	.088	.10	.10	.08
100 bags extra cement	.75	.68	.75	.60	.70
12 scuppers	13.00	11.45	30.00	10.00	30.00
4 lamp posts	75.00	51.35	70.00	50.00	160.00
744 sq.yd. asphalt block pavt.	3.05	3.00	2.85	2.80	3.05
744 sq.yd. sheet asph. pavt.	3.25	3.35	2.80	2.80	2.90
600 cu.yd. back fill with overhaul	.90	1.14	1.50	1.10	1.50
1,000 cu.yd. back fill material at site	.75	.57	1.00	.80	1.00
100 cu.yd. back fill sand	1.85	2.85	3.00	2.80	4.00
Extended totals	$72,646	$75,170	$76,115	$78,270	$101,536

BRIDGE—FLORIDA

Bids were opened by State Highway Department, Tallahassee, Jan. 5, (lowest four and highest) for constructing 915-ft. bridge between Lake Annie and Arcadia, Highland and De Soto Counties, from (A) Okeechobee Construction Co., Okeechobee, (awarded contract); (B) F. C. Jackson, Tampa; (C) Stevenson Engineering & Contracting Co., St. Augustine; (D) Royce Kersnow, Inc., St. Augustine; (E) J. S. Walton & Co., Gardner, Fla. The unit bids are as follows:

	A	B	C	D	E
17.6 cu.yd. class B concrete	$34.00	$38.00	$38.00	$30.00	$40.00
229.8 m.f.b.m. treated structural timber	119.00	123.00	136.50	139.50	190.00
7.15 m.f.b.m. untreated structural timber	70.00	90.00	136.50	80.00	100.00
14,276 lin.ft. treated trestle piling	1.15	1.33	1.30	1.40	2.50
64 lin.ft. 24-in. cast iron pipe	4.00	7.50	12.00	8.00	8.00
30 lin.ft. 30-in. cast iron pipe	5.00	10.00	14.00	11.00	10.00
32 lin.ft. 36-in. cast iron pipe	6.00	14.00	16.00	13.00	12.50
Extended totals	$45,461	$49,793	$53,271	$54,402	$81,933

PAVING—SEATTLE, WASH.

Bids were opened by Board of Public Works, Dec. 31, (lowest three) for paving West Republican St. et al., from (A) J. B. Covello, 1610 16th Ave.; (B) J. L. Smith, 304 West 36th St.; (C) Goetz & Brennan, Seaboard Bldg. The unit bids are as follows:

	A	B	C
Clearing (lump sum)	$2,000.00	$3,500.00	$2,000.00
18,500 lin.ft. grading park	.05	.03	.06
12,000 cu.yd. subgrading	.40	.50	.60
3,300 lin.ft. curbing "A"	.50	.50	.48
60 lin.ft. curbing "A"	.60	.70	.60
17,120 lin.ft. curbing "A"	.25	.25	.25
140 lin.ft. curbing	.25	2.00	.20
250 sq.yd. 6-in. con. base	1.00	1.00	1.50
10 sq.yd. brick paving 6-in.	5.00	4.50	6.00
10 sq.yd. brick paving	4.00	3.00	4.00
43,780 sq.yd. concrete paving 7-in.	1.70	1.68	1.73
10 sq.yd. brick gutters	3.00	4.00	4.00
65 sq.yd. brick gutters	5.00	4.00	3.00
250 sq.yd. alley crossing	2.00	1.50	1.80
350 sq.yd. alley crossing	2.00	1.50	1.80
10 M ft. b. m. plk. cover	20.00	20.00	20.00
30 cu.yd. sand cover	1.50	2.00	2.00
10 M ft. b. m. plk. cover	5.00	5.00	5.00
30 cu.yd. sand cover	.50	1.00	1.00
1,625 sq.yd. concrete walks	1.40	1.25	1.50
5 catch basins	100.00	95.00	140.00
2 catch basins	125.00	120.00	160.00
2 catch basins moved	25.00	40.00	50.00
500 lb. rein. steel	.10	.08	.10
54 inlets moved	10.00	10.00	.06
2 inlets adjusted	2.00	5.00	3.00
59 adjusted manholes	2.00	3.00	3.00
5 lin.ft. rebuilt manholes	10.00	3.00	5.00
1,700 lin.ft. 6-in. side sewers	1.50	1.50	2.00
80 cu.yd. extra concrete	8.00	10.00	.09
22 lin.ft. sidewalk drains	.15	.20	.35
12 M cases	10.00	9.00	12.00
1 brick V chamber	75.00	150.00	65.00
9 brick V chambers	45.00	45.00	50.00
20 lin.ft. 4-in. V chambers drain	1.00	1.50	1.00
5 cu.yd. extra excav.	2.00	3.00	2.00
2 cu.yd. concrete block	8.00	10.00	10.00
2 civ. boxes	8.00	12.00	15.00
Extended totals	$106,314	$107,713	$107,985

SEWER—TOLEDO, OHIO

Bids were opened by W. B. Guitteau, Dir. Pub. Serv., Jan. 4 (lowest four and highest) for constructing sewer No. 1507 in form of a dam, in connection with bridge over Swan Creek on South St., Contr. No. 1, from (A) M. Rabbit & Sons; (B) Moylan & Lasley; (C) Newton-Baxter Co., (awarded contract); (D) E. N. Oberly; (E) A. Bentley & Sons. The unit bids are as follows:

	A	B	C	D	E
363 lin.ft. 36-in. vitrified pipe sewer	$8.25	$9.13	$12.00	$12.30	$15.75
363 lin.ft. 36-in. reinforced concrete pipe	8.00	8.45	11.00	11.50	15.00
2 brick or concrete std. M. H.	150.00	195.00	100.00	150.00	649.00
1 brick or concrete drop M. H.	150.00	195.00	120.00	200.00	724.00
390 lin.ft. wood piles (26-15 ft. lengths)	1.00	2.00	2.00	1.50	3.00
6,990 lb. steel reinforcing bars (½-)	.05	.06	.05	.065	
1 M ft. b. m. extra brick per M	40.00	50.00	60.00	22.00	70.00
135 cu.yd. concrete (dam structure)	16.00	20.00	15.00	20.00	33.00
460 M ft. b.m. B.M. lumber, 2x8 ft.-140, 4x4 ft.-320	.12	.25	200.00	70.00	.198
52 ½x8-in. lag screws	1.00	.12	.50	.20	.08
52 ½x14-in. bolts	1.00	.12	.50	.20	.08
260 cu.yd. wet excavation (dam structure)	8.00	4.50	5.00	2.00	23.00
89 cu.yd. rubble	2.00	1.50	4.00	4.50	8.90
Extended totals using concrete pipe	$8,711	$8,978	$9,033	$9,305	$20,486

ROAD WORK—FLORIDA

Bids were opened by State Highway Department, Tallahassee, Jan. 5, (lowest four and highest) for constructing road between Pensacola and Escambia Bridge, Escambia County, Project No. 52, from (A) W. J. Bryson Paving Co., Jacksonville, (awarded contract); (B) S. G. Collins, Milton; (C) Morgan-Hill Paving Co., Jacksonville; (D) Penton-Mathis Constr. Co., Paxton; (E) D. R. Cook & Co., Montgomery, Ala. The unit bids are as follows:

	A	B	C	D	E
120 acres clearing and grubbing	$150.00	$200.00	$100.00	$150.00	$350.00
332,936 cu.yd. regular excavation	.38	.41	.42	.47	.55
1,406.8 cu.yd. concrete class "A"	35.00	33.00	39.00	28.00	42.00
106,125 lb. reinforcing steel	.06	.07	.07	.05	.07
13.0 m. f. b. m. structural timber—treated	150.00	125.00	115.00	140.00	140.00
12.0 m. f. b. m. structural timber—untreated	100.00	90.00	75.00	80.00	90.00
5,520 lin.ft. foundation piling—untreated	1.15	.75	1.10	.80	.80
32 lin.ft. cast iron pipe, 24 in.	15.00	10.00	7.00	4.50	8.00
820 lin.ft. vitrified clay pipe, 24 in.	3.00	3.25	4.00	4.00	4.50
1,365 lin.ft. corrugated metal pipe, 18 in.	3.00	2.50	2.50	2.50	3.50
398 lin.ft. corrugated metal pipe, 24 in.	4.00	3.50	4.00	3.50	4.00
180 lin.ft. corrugated metal pipe, 30 in.	6.00	4.50	5.00	4.50	4.50
50 lin.ft. corrugated metal pipe, 36 in.	8.00	6.50	7.00	5.00	5.00
1 manhole—complete	100.00	100.00	120.00	150.00	350.00
1 cast iron grate, 32x32 in.	12.00	30.00	50.00	10.00	10.00
2 cast iron grate, 36x60 in.	15.00	35.00	55.00	10.00	12.00
1 cast iron grate, 38x60 in.	15.00	50.00	60.00	10.00	15.00
3 cast iron cover and frame	10.00	15.00	50.00	10.00	18.00
Extended totals	$219,913	$230,422	$232,843	$235,882	$310,774

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